

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028938.D
 Acq On : 25 May 2022 10:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/26/2022
 Supervised By : Mahesh Dadoda 05/26/2022

Quant Time: May 26 05:41:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	240200	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	395907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	168823	51.274	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.540%			
35) Dibromofluoromethane	5.385	113	137182	52.886	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.780%			
50) Toluene-d8	8.652	98	484778	49.570	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.140%			
62) 4-Bromofluorobenzene	11.085	95	198047	54.219	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	148489	47.212	ug/l	100
3) Chloromethane	1.288	50	126906	42.845	ug/l	99
4) Vinyl Chloride	1.373	62	137510	43.079	ug/l	100
5) Bromomethane	1.599	94	129650	58.364	ug/l	99
6) Chloroethane	1.678	64	91819	45.464	ug/l	99
7) Trichlorofluoromethane	1.885	101	224563	44.126	ug/l	98
8) Diethyl Ether	2.135	74	88344	47.641	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.324	101	130843	48.857	ug/l	99
10) Methyl Iodide	2.452	142	153639	47.919	ug/l	95
11) Tert butyl alcohol	2.989	59	186731	267.801	ug/l	97
12) 1,1-Dichloroethene	2.318	96	117007	47.067	ug/l	99
13) Acrolein	2.233	56	119450	221.024	ug/l	97
14) Allyl chloride	2.660	41	196365	49.249	ug/l	95
15) Acrylonitrile	3.062	53	398370	251.119	ug/l	99
16) Acetone	2.379	43	340035	240.631	ug/l	93
17) Carbon Disulfide	2.507	76	255382	39.630	ug/l	99
18) Methyl Acetate	2.702	43	186643	52.735	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	489745	55.515	ug/l	99
20) Methylene Chloride	2.788	84	145321	49.018	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	132092	47.173	ug/l	99
22) Diisopropyl ether	3.757	45	439411	51.571	ug/l #	88
23) Vinyl Acetate	3.720	43	1899024	258.535	ug/l	97
24) 1,1-Dichloroethane	3.605	63	250054	50.481	ug/l	99
25) 2-Butanone	4.556	43	543362	244.967	ug/l	96
26) 2,2-Dichloropropane	4.476	77	208773	53.754	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	164857	50.408	ug/l	99
28) Bromochloromethane	4.897	49	94649	45.395	ug/l	98
29) Tetrahydrofuran	5.001	42	349638	242.501	ug/l	94
30) Chloroform	5.092	83	279926	52.216	ug/l	100
31) Cyclohexane	5.470	56	202725	44.357	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	242077	51.725	ug/l	99
36) 1,1-Dichloropropene	5.690	75	187388	48.097	ug/l	100
37) Ethyl Acetate	4.714	43	211940	52.082	ug/l	98
38) Carbon Tetrachloride	5.677	117	207567	52.939	ug/l	98
39) Methylcyclohexane	7.378	83	224141	50.166	ug/l	94
40) Benzene	6.037	78	566824	50.622	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	117960	54.063	ug/l	94
42) 1,2-Dichloroethane	6.086	62	223764	54.178	ug/l	98
43) Isopropyl Acetate	6.342	43	334987	52.619	ug/l	97
44) Trichloroethene	7.128	130	157501	51.865	ug/l	98
45) 1,2-Dichloropropane	7.433	63	146900	52.584	ug/l	99
46) Dibromomethane	7.580	93	110975	53.193	ug/l	95
47) Bromodichloromethane	7.823	83	219165	56.583	ug/l	98
48) Methyl methacrylate	7.695	41	165574	53.839	ug/l	92
49) 1,4-Dioxane	7.665	88	73805	960.646	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	1086531	259.105	ug/l	96
52) Toluene	8.720	92	369825	51.344	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	228755	51.263	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	247164	56.711	ug/l	93
55) 1,1,2-Trichloroethane	9.152	97	162160	55.211	ug/l	98
56) Ethyl methacrylate	9.116	69	250715	56.369	ug/l	91
57) 1,3-Dichloropropane	9.311	76	267862	54.071	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	544037	249.837	ug/l	97
59) 2-Hexanone	9.433	43	848482	260.433	ug/l	94
60) Dibromochloromethane	9.524	129	171966	60.034	ug/l	96
61) 1,2-Dibromoethane	9.610	107	171647	55.642	ug/l	98
64) Tetrachloroethene	9.274	164	144120	52.134	ug/l	98
65) Chlorobenzene	10.079	112	411524	52.990	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	158948	57.778	ug/l	99
67) Ethyl Benzene	10.195	91	727308	52.250	ug/l	99
68) m/p-Xylenes	10.305	106	563777	104.031	ug/l	98
69) o-Xylene	10.640	106	283653	53.162	ug/l	99
70) Styrene	10.658	104	481167	55.532	ug/l	98
71) Bromoform	10.798	173	124574	54.472	ug/l #	99
73) Isopropylbenzene	10.963	105	740103	50.073	ug/l	99
74) N-amyl acetate	10.847	43	295217	50.811	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	264670	52.196	ug/l	100
76) 1,2,3-Trichloropropane	11.243	75	239335m	52.434	ug/l	
77) Bromobenzene	11.201	156	183680	52.521	ug/l	96
78) n-propylbenzene	11.304	91	852715	49.875	ug/l	99
79) 2-Chlorotoluene	11.365	91	527674	50.356	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	647073	52.539	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	75284	49.265	ug/l	90
82) 4-Chlorotoluene	11.457	91	616844	50.919	ug/l	100
83) tert-Butylbenzene	11.713	119	642160	53.853	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	649761	52.611	ug/l	99
85) sec-Butylbenzene	11.890	105	785496	53.403	ug/l	100
86) p-Isopropyltoluene	12.012	119	679494	55.053	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	356565	51.980	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	364493	51.228	ug/l	98
89) n-Butylbenzene	12.335	91	585963	54.793	ug/l	99
90) Hexachloroethane	12.542	117	108938	54.579	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	361297	53.615	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	59454	54.912	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	229222	58.895	ug/l	99
94) Hexachlorobutadiene	13.725	225	96777	61.206	ug/l	94
95) Naphthalene	13.774	128	794850	57.390	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	228940	58.567	ug/l	95

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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Abundance

TIC: VX028938.D\data.ms

Time-->

3000000

2900000

2800000

2700000

2600000

2500000

2400000

2300000

2200000

2100000

2000000

1900000

1800000

1700000

1600000

1500000

1400000

1300000

1200000

1100000

1000000

900000

800000

700000

600000

500000

400000

300000

200000

100000

0

0.00

2.00

4.00

6.00

8.00

10.00

12.00

14.00

16.00

Dichlorodifluoromethane, T

Chloroethane, T

Bromomethane, T

Trichlorofluoromethane, T

Diethyl Ether, T

Acrolein, T

Methyl Hydrogen Sulfide, T

Methyl Acetyl Chloride, T

Methyl Chloride, T

Tert butyl alcohol, T

1,1-Dichloroethane, P

Diisopropyl ether, T

Vinyl Acetate, T

2-Butanone, T

Ethyl Acetate, T

Bromochloromethane, T

Chloroform, T

Pentamethylbenzene, T

Diisopropylmethane, T

Carbonyl Chloride, T

1,2-Dichloroethane, S

1,2-Dichloroethane, TM

Isopropyl Acetate, T

1,4-Difluorobenzene, I

Trichloroethene, TM

1,2-Dichloroethane, T

1,4-Dioxane, T

Bromochloromethane, T

1,2-Dichloroethane, T

cis-1,3-Dichloropropene, T

Toluene-d8, S

Toluene, CM

t-1,3-Dichloropropene, T

Ethyl Propyl Ketone, T

1,3-Dichloropropene, T

1,2-Dichloroethane, T

1,2-Dichloroethane, T

1,2-Dichloroethane, T

1,1,1-Trichloroethane, PM

1,1,1-Trichloroethane, T

Chlorobenzene, T

Ethyl Benzene, C

m/p-Xylenes, T

Bromofum, P

N-amyl acetate, T

trans-1,2-Dichloro-2-bromobenzene, S

1,2,3-Trichlorobenzene, P

1,2,3-Trichlorobenzene, T

2-Chlorotoluene, T

n-propylbenzene, T

1,2,4-Trimethylbenzene, T

tert-Butylbenzene, T

sec-Butylbenzene, T

p-Isopropyltoluene, T

1,4-Dichlorobenzene, T

1,4-Dichlorobenzene, T

Hexachloroethane, T

1,2-Dibromo-3-Chloropropane, T

Hexachlorobutadiene, T

1,2,4-Trichlorobenzene, T

Naphthalene, T

1,2,3-Trichlorobenzene, T