

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
 Data File : VX028120.D
 Acq On : 14 Apr 2022 20:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/15/2022

Quant Time: Apr 15 03:18:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	175983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	287911	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103570	43.380	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.760%		
35) Dibromofluoromethane	5.391	113	86896	46.060	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.120%		
50) Toluene-d8	8.653	98	322732	45.868	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.740%		
62) 4-Bromofluorobenzene	11.079	95	118481	45.099	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	74973	43.877	ug/l	99
3) Chloromethane	1.288	50	91438	48.352	ug/l	98
4) Vinyl Chloride	1.374	62	110077	48.417	ug/l	99
5) Bromomethane	1.605	94	137185	57.291	ug/l	100
6) Chloroethane	1.679	64	106946	56.823	ug/l	98
7) Trichlorofluoromethane	1.886	101	301461	67.611	ug/l	97
8) Diethyl Ether	2.136	74	102738	60.126	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	84036	47.376	ug/l	97
10) Methyl Iodide	2.453	142	71611	34.667	ug/l	96
11) Tert butyl alcohol	2.977	59	130955	236.295	ug/l	99
12) 1,1-Dichloroethene	2.319	96	81096	46.686	ug/l	96
13) Acrolein	2.239	56	66185	224.875	ug/l	96
14) Allyl chloride	2.666	41	130557	42.468	ug/l	89
15) Acrylonitrile	3.069	53	269028	234.264	ug/l	97
16) Acetone	2.380	43	234765	236.007	ug/l	91
17) Carbon Disulfide	2.514	76	205421	45.001	ug/l	99
18) Methyl Acetate	2.703	43	122257	46.059	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	308222	47.247	ug/l	98
20) Methylene Chloride	2.788	84	93710	47.297	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	93819	45.088	ug/l	95
22) Diisopropyl ether	3.764	45	304869	46.213	ug/l #	87
23) Vinyl Acetate	3.727	43	1395854	238.122	ug/l	97
24) 1,1-Dichloroethane	3.611	63	165314	46.290	ug/l	100
25) 2-Butanone	4.562	43	408297	237.459	ug/l	96
26) 2,2-Dichloropropane	4.477	77	130638	39.402	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	108729	46.355	ug/l	97
28) Bromochloromethane	4.904	49	70295	45.793	ug/l	93
29) Tetrahydrofuran	5.007	42	265116	235.902	ug/l	92
30) Chloroform	5.099	83	183664	46.249	ug/l	100
31) Cyclohexane	5.471	56	149418	45.515	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	167406	46.543	ug/l	99
36) 1,1-Dichloropropene	5.696	75	132241	45.928	ug/l	99
37) Ethyl Acetate	4.715	43	160854	47.956	ug/l	95
38) Carbon Tetrachloride	5.678	117	143395	46.649	ug/l	95
39) Methylcyclohexane	7.385	83	158455	46.554	ug/l	96
40) Benzene	6.044	78	392779	46.912	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	81720	45.794	ug/l	92
42) 1,2-Dichloroethane	6.092	62	147017	46.501	ug/l	97
43) Isopropyl Acetate	6.342	43	252442	45.175	ug/l	93
44) Trichloroethene	7.129	130	104897	47.114	ug/l	100
45) 1,2-Dichloropropane	7.434	63	96323	45.650	ug/l	98
46) Dibromomethane	7.586	93	73428	47.171	ug/l	95
47) Bromodichloromethane	7.824	83	139882	46.496	ug/l	98
48) Methyl methacrylate	7.696	41	113245	44.392	ug/l #	83
49) 1,4-Dioxane	7.671	88	57511	1009.858	ug/l	92
51) 4-Methyl-2-Pentanone	8.580	43	829063	232.692	ug/l	91
52) Toluene	8.720	92	262105	46.922	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	155241	45.684	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	161665	45.868	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	106524	47.042	ug/l	98
56) Ethyl methacrylate	9.116	69	165464	46.486	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	173634	46.254	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	406606	253.092	ug/l	100
59) 2-Hexanone	9.433	43	642699	230.325	ug/l	89
60) Dibromochloromethane	9.525	129	114883	47.460	ug/l	95
61) 1,2-Dibromoethane	9.610	107	117007	47.444	ug/l	99
64) Tetrachloroethene	9.275	164	98766	46.169	ug/l	99
65) Chlorobenzene	10.080	112	278583	47.354	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	104844	48.234	ug/l	99
67) Ethyl Benzene	10.195	91	503640	48.615	ug/l	98
68) m/p-Xylenes	10.305	106	397056	91.786	ug/l	98
69) o-Xylene	10.647	106	197527	46.974	ug/l	98
70) Styrene	10.659	104	326287	40.341	ug/l	98
71) Bromoform	10.799	173	84100	40.926	ug/l #	98
73) Isopropylbenzene	10.964	105	515181	50.114	ug/l	100
74) N-amyl acetate	10.848	43	226500	50.981	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	175638	48.906	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	155500m	48.268	ug/l	
77) Bromobenzene	11.201	156	124564	49.601	ug/l	96
78) n-propylbenzene	11.305	91	597701	50.027	ug/l	99
79) 2-Chlorotoluene	11.366	91	347548	47.968	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	444362	50.040	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	51397	44.934	ug/l	89
82) 4-Chlorotoluene	11.457	91	409820	48.049	ug/l	97
83) tert-Butylbenzene	11.719	119	427880	49.801	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	438520	50.439	ug/l	99
85) sec-Butylbenzene	11.890	105	546417	49.829	ug/l	99
86) p-Isopropyltoluene	12.012	119	464424	49.982	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	240911	49.233	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	251043	48.907	ug/l	99
89) n-Butylbenzene	12.335	91	393354	49.458	ug/l	98
90) Hexachloroethane	12.543	117	77164	49.426	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	238821	48.844	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39478	49.966	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	140918	51.541	ug/l	100
94) Hexachlorobutadiene	13.725	225	54375	49.286	ug/l	93
95) Naphthalene	13.780	128	524691	54.947	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	143459	53.019	ug/l	95

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

