

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031510.D
 Acq On : 21 Sep 2022 09:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 01:10:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	56075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	82651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	51030	49.519	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.040%		
35) Dibromofluoromethane	5.385	113	43160	50.529	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.060%		
50) Toluene-d8	8.647	98	164917	50.083	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.160%		
62) 4-Bromofluorobenzene	11.079	95	59620	53.452	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43086	53.442	ug/l	98
3) Chloromethane	1.288	50	47760	44.653	ug/l	98
4) Vinyl Chloride	1.374	62	57545	47.183	ug/l	99
5) Bromomethane	1.612	94	106929	61.574	ug/l	98
6) Chloroethane	1.685	64	69182	66.467	ug/l	97
7) Trichlorofluoromethane	1.886	101	116281	42.033	ug/l	100
8) Diethyl Ether	2.136	74	38931	40.860	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	42331	46.883	ug/l	92
10) Methyl Iodide	2.453	142	51856	59.362	ug/l	98
11) Tert butyl alcohol	2.995	59	46223	207.514	ug/l	98
12) 1,1-Dichloroethene	2.319	96	39630	45.404	ug/l	95
13) Acrolein	2.239	56	23644	209.899	ug/l	99
14) Allyl chloride	2.660	41	62519	43.923	ug/l	94
15) Acrylonitrile	3.069	53	116421	215.126	ug/l	99
16) Acetone	2.392	43	99840	245.211	ug/l	93
17) Carbon Disulfide	2.514	76	100340	42.666	ug/l	99
18) Methyl Acetate	2.703	43	63739	41.477	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	142537	45.153	ug/l	98
20) Methylene Chloride	2.788	84	45106	49.053	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	45054	45.711	ug/l	95
22) Diisopropyl ether	3.757	45	140727	45.656	ug/l	87
23) Vinyl Acetate	3.721	43	610986	231.787	ug/l	98
24) 1,1-Dichloroethane	3.605	63	78680	45.170	ug/l	99
25) 2-Butanone	4.562	43	169494	213.484	ug/l	97
26) 2,2-Dichloropropane	4.477	77	70650	45.917	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	52364	44.080	ug/l	91
28) Bromochloromethane	4.898	49	35773	51.409	ug/l	94
29) Tetrahydrofuran	5.007	42	109371	211.235	ug/l	96
30) Chloroform	5.093	83	87195	45.642	ug/l	99
31) Cyclohexane	5.471	56	69832	45.783	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	77597	44.719	ug/l	98
36) 1,1-Dichloropropene	5.690	75	65528	49.878	ug/l	98
37) Ethyl Acetate	4.715	43	67816	43.270	ug/l	99
38) Carbon Tetrachloride	5.672	117	69840	47.959	ug/l	95
39) Methylcyclohexane	7.379	83	78199	48.376	ug/l	96
40) Benzene	6.038	78	185941	47.441	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	34239	43.877	ug/l	94
42) 1,2-Dichloroethane	6.086	62	69101	47.832	ug/l	99
43) Isopropyl Acetate	6.342	43	112259	46.602	ug/l	99
44) Trichloroethene	7.123	130	52680	47.404	ug/l	88
45) 1,2-Dichloropropane	7.428	63	46388	47.083	ug/l	92
46) Dibromomethane	7.580	93	35566	46.897	ug/l	92
47) Bromodichloromethane	7.818	83	66373	46.549	ug/l	99
48) Methyl methacrylate	7.690	41	51535	46.828	ug/l	93
49) 1,4-Dioxane	7.690	88	21417	852.164	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	356732	230.242	ug/l	98
52) Toluene	8.720	92	124980	48.893	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	75007	50.835	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	77990	48.330	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	51137	48.550	ug/l	97
56) Ethyl methacrylate	9.116	69	76217	50.877	ug/l	96
57) 1,3-Dichloropropane	9.311	76	83068	48.059	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	144993	233.565	ug/l	96
59) 2-Hexanone	9.433	43	275969	237.164	ug/l	99
60) Dibromochloromethane	9.519	129	55700	49.800	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55607	49.006	ug/l	99
64) Tetrachloroethene	9.275	164	53650	47.231	ug/l	94
65) Chlorobenzene	10.079	112	137521	47.155	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	51221	48.679	ug/l	99
67) Ethyl Benzene	10.195	91	246797	47.930	ug/l	99
68) m/p-Xylenes	10.299	106	200033	96.668	ug/l	96
69) o-Xylene	10.640	106	94627	47.910	ug/l	100
70) Styrene	10.653	104	161786	49.751	ug/l	98
71) Bromoform	10.799	173	40759	48.414	ug/l #	100
73) Isopropylbenzene	10.963	105	256031	47.226	ug/l	100
74) N-amyl acetate	10.842	43	104630	47.616	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	78675	53.421	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75993m	46.900	ug/l	
77) Bromobenzene	11.195	156	61885	46.315	ug/l	94
78) n-propylbenzene	11.305	91	304793	48.867	ug/l	99
79) 2-Chlorotoluene	11.366	91	174972	47.130	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	221291	48.097	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24835	49.351	ug/l	95
82) 4-Chlorotoluene	11.457	91	209675	48.125	ug/l	98
83) tert-Butylbenzene	11.713	119	211601	47.452	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	221472	48.878	ug/l	99
85) sec-Butylbenzene	11.890	105	275805	48.872	ug/l	99
86) p-Isopropyltoluene	12.006	119	237829	49.907	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	121731	47.531	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	130573	48.881	ug/l	96
89) n-Butylbenzene	12.329	91	207014	50.998	ug/l	99
90) Hexachloroethane	12.536	117	40100	48.972	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	120607	46.765	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17451	46.845	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	71060	50.004	ug/l	97
94) Hexachlorobutadiene	13.725	225	27663	59.786	ug/l	99
95) Naphthalene	13.774	128	254899	48.977	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72217	49.305	ug/l	96

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

