

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011922\
 Data File : VX026507.D
 Acq On : 19 Jan 2022 10:08
 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 01/20/2022
 Supervised By : Mahesh Dadoda 01/20/2022

Quant Time: Jan 20 05:01:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	110797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178697	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73368	47.403	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.800%		
35) Dibromofluoromethane	5.385	113	56773	49.198	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.400%		
50) Toluene-d8	8.647	98	208553	50.152	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.300%		
62) 4-Bromofluorobenzene	11.079	95	74689	50.560	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	59834	45.733	ug/l	98
3) Chloromethane	1.294	50	58503	48.778	ug/l	98
4) Vinyl Chloride	1.380	62	61093	48.516	ug/l	99
5) Bromomethane	1.618	94	30732	52.905	ug/l	97
6) Chloroethane	1.691	64	28678	45.037	ug/l	100
7) Trichlorofluoromethane	1.892	101	93967	47.265	ug/l	97
8) Diethyl Ether	2.136	74	34350	48.826	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	59689	49.266	ug/l	100
10) Methyl Iodide	2.459	142	75107	56.911	ug/l	99
11) Tert butyl alcohol	3.014	59	49684m	230.757	ug/l	
12) 1,1-Dichloroethene	2.325	96	56059	48.447	ug/l	95
13) Acrolein	2.239	56	59966	262.102	ug/l	98
14) Allyl chloride	2.666	41	103872	48.813	ug/l	99
15) Acrylonitrile	3.068	53	157199	237.180	ug/l	99
16) Acetone	2.392	43	177516	224.905	ug/l	99
17) Carbon Disulfide	2.514	76	156578	46.348	ug/l	99
18) Methyl Acetate	2.709	43	74426	47.431	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	198382	47.249	ug/l	100
20) Methylene Chloride	2.794	84	61974	47.523	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	60253	48.100	ug/l	97
22) Diisopropyl ether	3.757	45	210712	48.748	ug/l	92
23) Vinyl Acetate	3.721	43	873837	245.593	ug/l	99
24) 1,1-Dichloroethane	3.611	63	113755	48.730	ug/l	99
25) 2-Butanone	4.562	43	246086	239.744	ug/l	99
26) 2,2-Dichloropropane	4.477	77	85068	49.162	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	70188	49.094	ug/l	100
28) Bromochloromethane	4.897	49	50157	52.326	ug/l	100
29) Tetrahydrofuran	5.007	42	141119	231.484	ug/l	100
30) Chloroform	5.093	83	119598	49.308	ug/l	98
31) Cyclohexane	5.477	56	108203	47.398	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	104616	49.035	ug/l	100
36) 1,1-Dichloropropene	5.696	75	89543	49.153	ug/l	100
37) Ethyl Acetate	4.715	43	89554	48.597	ug/l	99
38) Carbon Tetrachloride	5.684	117	94848	50.617	ug/l	97
39) Methylcyclohexane	7.379	83	111932	50.940	ug/l	98
40) Benzene	6.037	78	251601	49.968	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51499	49.334	ug/l	99
42) 1,2-Dichloroethane	6.086	62	95604	48.529	ug/l	100
43) Isopropyl Acetate	6.342	43	145429	48.855	ug/l	99
44) Trichloroethene	7.123	130	73505	51.446	ug/l	96
45) 1,2-Dichloropropane	7.427	63	63643	50.637	ug/l	98
46) Dibromomethane	7.580	93	44402	50.115	ug/l	99
47) Bromodichloromethane	7.824	83	91520	51.123	ug/l	97
48) Methyl methacrylate	7.690	41	72087	48.865	ug/l	99
49) 1,4-Dioxane	7.696	88	21502	888.170	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	431224	244.235	ug/l	100
52) Toluene	8.720	92	156814	50.786	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	91339	47.815	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	102818	53.474	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	61434	50.984	ug/l	98
56) Ethyl methacrylate	9.116	69	94185	51.004	ug/l	99
57) 1,3-Dichloropropane	9.311	76	106175	50.825	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	245046	253.071	ug/l	100
59) 2-Hexanone	9.433	43	344937	255.253	ug/l	99
60) Dibromochloromethane	9.519	129	66321	52.818	ug/l	100
61) 1,2-Dibromoethane	9.610	107	64105	51.056	ug/l	99
64) Tetrachloroethene	9.275	164	75262	52.442	ug/l	97
65) Chlorobenzene	10.079	112	159795	49.947	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	61539	51.768	ug/l	100
67) Ethyl Benzene	10.195	91	297466	51.165	ug/l	99
68) m/p-Xylenes	10.299	106	224621	103.241	ug/l	99
69) o-Xylene	10.640	106	109452	52.135	ug/l	98
70) Styrene	10.653	104	178694	52.162	ug/l	99
71) Bromoform	10.799	173	43882	48.308	ug/l #	98
73) Isopropylbenzene	10.963	105	287973	49.610	ug/l	99
74) N-amyl acetate	10.842	43	110411	49.270	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	74494	47.812	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	76248m	48.902	ug/l	
77) Bromobenzene	11.201	156	65001	48.880	ug/l	100
78) n-propylbenzene	11.305	91	335162	50.633	ug/l	100
79) 2-Chlorotoluene	11.366	91	196355	48.917	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	239890	50.128	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23796	48.326	ug/l	96
82) 4-Chlorotoluene	11.457	91	226854	49.174	ug/l	98
83) tert-Butylbenzene	11.713	119	225316	50.436	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	239359	50.007	ug/l	99
85) sec-Butylbenzene	11.890	105	296200	51.259	ug/l	100
86) p-Isopropyltoluene	12.012	119	252491	52.081	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	124009	49.751	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	124000	49.149	ug/l	99
89) n-Butylbenzene	12.335	91	219292	52.710	ug/l	100
90) Hexachloroethane	12.542	117	39436	48.799	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	118148	50.157	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18402	48.868	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	77912	51.591	ug/l	99
94) Hexachlorobutadiene	13.725	225	32802	51.453	ug/l	99
95) Naphthalene	13.780	128	255489	50.719	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76217	51.318	ug/l	100

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

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