

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028777.D
 Acq On : 17 May 2022 23:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 04:57:38 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	5.556	168	280978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	468212	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	202480	52.571	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.140%			
35) Dibromofluoromethane	5.385	113	158348	51.619	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.240%			
50) Toluene-d8	8.653	98	539228	46.623	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 93.240%			
62) 4-Bromofluorobenzene	11.079	95	233143	53.970	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	171578	46.635	ug/l	100
3) Chloromethane	1.288	50	145747	42.064	ug/l	99
4) Vinyl Chloride	1.374	62	161900	43.359	ug/l	99
5) Bromomethane	1.599	94	87386	30.992	ug/l	98
6) Chloroethane	1.679	64	104363	44.111	ug/l	100
7) Trichlorofluoromethane	1.886	101	272495	45.773	ug/l	97
8) Diethyl Ether	2.136	74	94248	43.449	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	143287	45.739	ug/l	97
10) Methyl Iodide	2.453	142	186182	49.641	ug/l	92
11) Tert butyl alcohol	2.965	59	181882	221.611	ug/l	100
12) 1,1-Dichloroethene	2.319	96	136733	47.020	ug/l	98
13) Acrolein	2.233	56	121654	192.433	ug/l	97
14) Allyl chloride	2.666	41	213769	45.833	ug/l	89
15) Acrylonitrile	3.063	53	410173	221.035	ug/l	99
16) Acetone	2.380	43	371229	224.579	ug/l	91
17) Carbon Disulfide	2.508	76	334077	44.318	ug/l	99
18) Methyl Acetate	2.703	43	188780	45.598	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	515725	49.976	ug/l	98
20) Methylene Chloride	2.788	84	154814	44.642	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	149277	45.573	ug/l	99
22) Diisopropyl ether	3.764	45	457882	45.940	ug/l	94
23) Vinyl Acetate	3.721	43	2024159	235.578	ug/l	97
24) 1,1-Dichloroethane	3.611	63	273089	47.130	ug/l	99
25) 2-Butanone	4.556	43	569363	219.436	ug/l	96
26) 2,2-Dichloropropane	4.477	77	200303	44.089	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	177628	46.431	ug/l	99
28) Bromochloromethane	4.904	49	115237	47.248	ug/l	99
29) Tetrahydrofuran	5.001	42	362752	215.083	ug/l	95
30) Chloroform	5.099	83	302200	48.190	ug/l	99
31) Cyclohexane	5.471	56	235479	44.046	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	277178	50.630	ug/l	99
36) 1,1-Dichloropropene	5.696	75	213891	46.422	ug/l	99
37) Ethyl Acetate	4.715	43	222976	46.333	ug/l	98
38) Carbon Tetrachloride	5.678	117	239125	51.570	ug/l	98
39) Methylcyclohexane	7.385	83	241591	45.721	ug/l	98
40) Benzene	6.038	78	614274	46.388	ug/l	98

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41) Methacrylonitrile	4.922	41	125993	48.828	ug/l	92
42) 1,2-Dichloroethane	6.086	62	251524	51.495	ug/l	96
43) Isopropyl Acetate	6.342	43	361605	48.029	ug/l	96
44) Trichloroethene	7.129	130	172317	47.981	ug/l	95
45) 1,2-Dichloropropane	7.434	63	154786	46.850	ug/l	99
46) Dibromomethane	7.580	93	119234	48.326	ug/l	94
47) Bromodichloromethane	7.824	83	225849	49.304	ug/l	99
48) Methyl methacrylate	7.696	41	178750	49.147	ug/l	86
49) 1,4-Dioxane	7.659	88	77290	850.651	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1069715	215.701	ug/l	94
52) Toluene	8.720	92	377091	44.268	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	219308	41.867	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	236070	45.801	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	152416	43.879	ug/l	98
56) Ethyl methacrylate	9.116	69	248677	47.276	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	259679	44.324	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	598016	232.216	ug/l	97
59) 2-Hexanone	9.433	43	858335	222.772	ug/l	92
60) Dibromochloromethane	9.525	129	166245	49.075	ug/l	97
61) 1,2-Dibromoethane	9.610	107	170934	46.854	ug/l	99
64) Tetrachloroethene	9.275	164	143732	48.663	ug/l	98
65) Chlorobenzene	10.080	112	423209	51.004	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	164186	55.859	ug/l	98
67) Ethyl Benzene	10.195	91	761331	51.190	ug/l	100
68) m/p-Xylenes	10.305	106	601033	103.800	ug/l	96
69) o-Xylene	10.640	106	304801	53.466	ug/l	96
70) Styrene	10.659	104	513857	55.505	ug/l	97
71) Bromoform	10.799	173	131254	53.742	ug/l	99
73) Isopropylbenzene	10.964	105	809973	48.661	ug/l	99
74) N-amyl acetate	10.842	43	323404	49.427	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	269831	47.253	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	252306m	49.084	ug/l	
77) Bromobenzene	11.201	156	194963	49.503	ug/l	95
78) n-propylbenzene	11.305	91	923383	47.958	ug/l	99
79) 2-Chlorotoluene	11.366	91	571877	48.460	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	693970	50.035	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	72935	42.922	ug/l #	84
82) 4-Chlorotoluene	11.457	91	666090	48.824	ug/l	98
83) tert-Butylbenzene	11.713	119	681289	50.734	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	700984	50.400	ug/l	99
85) sec-Butylbenzene	11.890	105	818714	49.426	ug/l	100
86) p-Isopropyltoluene	12.012	119	705971	50.791	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	376009	48.674	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	378251	47.206	ug/l	98
89) n-Butylbenzene	12.335	91	580863	48.231	ug/l	99
90) Hexachloroethane	12.543	117	115909	51.566	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	374871	49.398	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	64965	53.280	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	218012	49.740	ug/l	99
94) Hexachlorobutadiene	13.725	225	88470	49.685	ug/l	94
95) Naphthalene	13.774	128	798283	51.181	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	218922	49.730	ug/l	95

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

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