

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025793.D
 Acq On : 14 Dec 2021 22:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 15 07:10:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	114389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	81333	49.417	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.840%		
35) Dibromofluoromethane	5.391	113	67408	48.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.140%		
50) Toluene-d8	8.653	98	246466	48.742	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.480%		
62) 4-Bromofluorobenzene	11.085	95	96440	50.208	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49895	48.772	ug/l	94
3) Chloromethane	1.295	50	63830	47.917	ug/l	97
4) Vinyl Chloride	1.374	62	64654	45.629	ug/l	99
5) Bromomethane	1.599	94	44537	44.020	ug/l	98
6) Chloroethane	1.679	64	45383	44.221	ug/l	96
7) Trichlorofluoromethane	1.880	101	99995	42.724	ug/l	95
8) Diethyl Ether	2.136	74	43632	47.259	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	52452	43.065	ug/l	99
10) Methyl Iodide	2.453	142	81903	52.777	ug/l	99
11) Tert butyl alcohol	2.971	59	68781	208.332	ug/l	100
12) 1,1-Dichloroethene	2.319	96	54590	45.080	ug/l	98
13) Acrolein	2.239	56	53385	236.565	ug/l	98
14) Allyl chloride	2.666	41	99074	44.828	ug/l	99
15) Acrylonitrile	3.069	53	186358	241.794	ug/l	99
16) Acetone	2.386	43	162658	226.431	ug/l	98
17) Carbon Disulfide	2.514	76	143584	41.394	ug/l	100
18) Methyl Acetate	2.703	43	120426	48.007	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	213015	49.803	ug/l	100
20) Methylene Chloride	2.788	84	70642	50.190	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	64509	47.733	ug/l	99
22) Diisopropyl ether	3.764	45	216290	50.452	ug/l	97
23) Vinyl Acetate	3.727	43	838975	252.894	ug/l	99
24) 1,1-Dichloroethane	3.611	63	118226	48.298	ug/l	99
25) 2-Butanone	4.562	43	264075	238.557	ug/l	100
26) 2,2-Dichloropropane	4.483	77	72884	39.256	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	77850	48.582	ug/l	97
28) Bromochloromethane	4.898	49	60569	54.908	ug/l	100
29) Tetrahydrofuran	5.007	42	172824	245.557	ug/l	100
30) Chloroform	5.099	83	129996	48.421	ug/l	98
31) Cyclohexane	5.477	56	90326	45.129	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	105992	45.362	ug/l	99
36) 1,1-Dichloropropene	5.696	75	85119	45.227	ug/l	99
37) Ethyl Acetate	4.721	43	100925	48.267	ug/l	100
38) Carbon Tetrachloride	5.678	117	91435	41.755	ug/l	99
39) Methylcyclohexane	7.385	83	89013	42.269	ug/l	99
40) Benzene	6.044	78	271750	48.405	ug/l	99

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41) Methacrylonitrile	4.922	41	55663	48.101	ug/l	99
42) 1,2-Dichloroethane	6.092	62	103592	48.550	ug/l	99
43) Isopropyl Acetate	6.348	43	160293	47.581	ug/l	100
44) Trichloroethene	7.129	130	75030	48.004	ug/l	96
45) 1,2-Dichloropropane	7.434	63	68464	48.383	ug/l	97
46) Dibromomethane	7.586	93	52716	47.853	ug/l	98
47) Bromodichloromethane	7.824	83	99189	45.684	ug/l	96
48) Methyl methacrylate	7.696	41	78843	49.699	ug/l	99
49) 1,4-Dioxane	7.665	88	34339	991.504	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	547438	248.239	ug/l	100
52) Toluene	8.720	92	178302	49.845	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	96311	46.537	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	108984	48.128	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	74590	48.623	ug/l	98
56) Ethyl methacrylate	9.122	69	111442	50.584	ug/l	100
57) 1,3-Dichloropropane	9.311	76	124714	49.564	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	242204	226.638	ug/l	100
59) 2-Hexanone	9.433	43	415402	248.610	ug/l	99
60) Dibromochloromethane	9.525	129	80733	46.369	ug/l	99
61) 1,2-Dibromoethane	9.610	107	81904	49.241	ug/l	98
64) Tetrachloroethene	9.275	164	72321	46.770	ug/l	98
65) Chlorobenzene	10.080	112	198838	49.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	72830	46.156	ug/l	98
67) Ethyl Benzene	10.195	91	337285	49.360	ug/l	99
68) m/p-Xylenes	10.305	106	267887	100.751	ug/l	100
69) o-Xylene	10.646	106	134818	51.542	ug/l	98
70) Styrene	10.659	104	226527	52.044	ug/l	100
71) Bromoform	10.805	173	58233	44.800	ug/l #	99
73) Isopropylbenzene	10.964	105	336472	48.533	ug/l	99
74) N-amyl acetate	10.848	43	141242	50.651	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	114983	47.586	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	98871m	45.175	ug/l	
77) Bromobenzene	11.201	156	89037	50.068	ug/l	97
78) n-propylbenzene	11.305	91	375671	47.906	ug/l	100
79) 2-Chlorotoluene	11.366	91	237732	47.673	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	284782	49.528	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	28000	39.663	ug/l	92
82) 4-Chlorotoluene	11.457	91	269423	48.249	ug/l	100
83) tert-Butylbenzene	11.719	119	269605	47.836	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	288996	50.313	ug/l	99
85) sec-Butylbenzene	11.890	105	326323	48.171	ug/l	100
86) p-Isopropyltoluene	12.012	119	279444	49.119	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	161821	48.838	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	162208	47.950	ug/l	99
89) n-Butylbenzene	12.335	91	222773	46.943	ug/l	99
90) Hexachloroethane	12.542	117	43034	38.488	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	159259	50.331	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23689	43.628	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	87418	46.128	ug/l	100
94) Hexachlorobutadiene	13.725	225	31745	47.164	ug/l	96
95) Naphthalene	13.780	128	313466	48.134	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	88909	47.277	ug/l	100

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

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