

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022222\
 Data File : VX027126.D
 Acq On : 22 Feb 2022 10:35
 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 02/22/2022
 Supervised By : Mahesh Dadoda 02/23/2022

Quant Time: Feb 22 15:14:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	81032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49117	50.495	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.000%			
35) Dibromofluoromethane	5.391	113	40431	53.226	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.460%			
50) Toluene-d8	8.653	98	145538	52.195	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.400%			
62) 4-Bromofluorobenzene	11.079	95	51731	52.697	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	43740	49.642	ug/l	100
3) Chloromethane	1.294	50	38327	46.759	ug/l	100
4) Vinyl Chloride	1.380	62	39038	45.496	ug/l	99
5) Bromomethane	1.605	94	18563	50.983	ug/l	99
6) Chloroethane	1.685	64	23422	50.021	ug/l	98
7) Trichlorofluoromethane	1.892	101	63552	50.330	ug/l	100
8) Diethyl Ether	2.136	74	22281	47.635	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	46116	55.718	ug/l	97
10) Methyl Iodide	2.453	142	56291	49.079	ug/l	96
11) Tert butyl alcohol	2.965	59	39413	224.290	ug/l	96
12) 1,1-Dichloroethene	2.325	96	41764	50.361	ug/l	92
13) Acrolein	2.239	56	40199	247.544	ug/l	99
14) Allyl chloride	2.666	41	75758	51.573	ug/l	95
15) Acrylonitrile	3.062	53	129791	257.749	ug/l	98
16) Acetone	2.380	43	122136	285.885	ug/l	94
17) Carbon Disulfide	2.514	76	102659	43.729	ug/l	100
18) Methyl Acetate	2.703	43	58852	47.878	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	152358	51.904	ug/l	100
20) Methylene Chloride	2.788	84	47548	51.365	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	46035	52.752	ug/l	93
22) Diisopropyl ether	3.763	45	152354	51.515	ug/l	94
23) Vinyl Acetate	3.721	43	649278	261.117	ug/l	98
24) 1,1-Dichloroethane	3.611	63	85234	53.261	ug/l	100
25) 2-Butanone	4.550	43	181643	263.892	ug/l	99
26) 2,2-Dichloropropane	4.477	77	66173	61.200	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	54639	54.532	ug/l	94
28) Bromochloromethane	4.897	49	33707	50.811	ug/l	95
29) Tetrahydrofuran	5.001	42	115442	246.700	ug/l	96
30) Chloroform	5.092	83	87528	52.642	ug/l	99
31) Cyclohexane	5.470	56	76868	49.734	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	78093	53.271	ug/l	98
36) 1,1-Dichloropropene	5.696	75	64162	53.542	ug/l	97
37) Ethyl Acetate	4.714	43	67704	49.714	ug/l	98
38) Carbon Tetrachloride	5.678	117	70552	56.144	ug/l	99
39) Methylcyclohexane	7.379	83	80412	54.717	ug/l	96
40) Benzene	6.037	78	188577	53.995	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	39447	53.443	ug/l	96
42) 1,2-Dichloroethane	6.086	62	68677	55.803	ug/l	98
43) Isopropyl Acetate	6.336	43	111599	53.259	ug/l	97
44) Trichloroethene	7.129	130	56975	54.331	ug/l	90
45) 1,2-Dichloropropane	7.434	63	48249	54.602	ug/l	99
46) Dibromomethane	7.580	93	33640	55.018	ug/l	95
47) Bromodichloromethane	7.824	83	67713	57.829	ug/l	99
48) Methyl methacrylate	7.690	41	53450	51.481	ug/l	95
49) 1,4-Dioxane	7.659	88	17544	980.604	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	338629	266.684	ug/l	97
52) Toluene	8.720	92	117819	53.283	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	68912	54.247	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	78134	60.430	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	48040	57.388	ug/l	98
56) Ethyl methacrylate	9.116	69	73648	55.502	ug/l	94
57) 1,3-Dichloropropane	9.311	76	80161	55.765	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	196804	288.958	ug/l	96
59) 2-Hexanone	9.433	43	248686	267.761	ug/l	96
60) Dibromochloromethane	9.525	129	52866	61.377	ug/l	99
61) 1,2-Dibromoethane	9.610	107	49511	55.979	ug/l	100
64) Tetrachloroethene	9.275	164	58872	54.024	ug/l	95
65) Chlorobenzene	10.079	112	124560	55.510	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	48019	58.173	ug/l	99
67) Ethyl Benzene	10.195	91	221738	55.832	ug/l	99
68) m/p-Xylenes	10.305	106	171984	112.554	ug/l	96
69) o-Xylene	10.640	106	83120	55.515	ug/l	96
70) Styrene	10.659	104	140081	57.686	ug/l	98
71) Bromoform	10.799	173	35985	56.056	ug/l #	100
73) Isopropylbenzene	10.963	105	222444	55.014	ug/l	98
74) N-amyl acetate	10.841	43	83848	51.899	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	60486	55.124	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	62071m	55.238	ug/l	
77) Bromobenzene	11.201	156	52332	54.449	ug/l	95
78) n-propylbenzene	11.305	91	251276	56.057	ug/l	98
79) 2-Chlorotoluene	11.366	91	150775	54.439	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	184255	55.368	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19308	53.471	ug/l	90
82) 4-Chlorotoluene	11.457	91	173359	55.795	ug/l	97
83) tert-Butylbenzene	11.719	119	178396	56.245	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	184177	54.870	ug/l	98
85) sec-Butylbenzene	11.890	105	231388	57.553	ug/l	99
86) p-Isopropyltoluene	12.012	119	195671	57.449	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	99542	56.521	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	101331	57.052	ug/l	99
89) n-Butylbenzene	12.335	91	166551	59.766	ug/l	99
90) Hexachloroethane	12.542	117	31503	63.995	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	96273	56.654	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14543	53.895	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	64401	60.050	ug/l	99
94) Hexachlorobutadiene	13.725	225	26637	58.720	ug/l	100
95) Naphthalene	13.774	128	214720	57.159	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	64373	59.279	ug/l	98

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

