

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027205.D
 Acq On : 25 Feb 2022 21:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 25 23:21:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	77609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	127046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47605	51.073	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.140%			
35) Dibromofluoromethane	5.391	113	39574	50.183	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.360%			
50) Toluene-d8	8.653	98	149989	50.867	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.740%			
62) 4-Bromofluorobenzene	11.079	95	56619	50.024	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	36728	47.609	ug/l	100
3) Chloromethane	1.294	50	37148	51.513	ug/l	99
4) Vinyl Chloride	1.380	62	34443	47.951	ug/l	98
5) Bromomethane	1.599	94	14306	45.524	ug/l	96
6) Chloroethane	1.685	64	21266	48.213	ug/l	97
7) Trichlorofluoromethane	1.886	101	54513	48.795	ug/l	99
8) Diethyl Ether	2.136	74	19558	50.297	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	38088	48.939	ug/l	96
10) Methyl Iodide	2.453	142	55431	53.041	ug/l	96
11) Tert butyl alcohol	2.971	59	45103	248.702	ug/l	97
12) 1,1-Dichloroethene	2.319	96	37362	49.450	ug/l	91
13) Acrolein	2.239	56	45715	272.722	ug/l	99
14) Allyl chloride	2.666	41	65995	49.610	ug/l	95
15) Acrylonitrile	3.069	53	119460	256.706	ug/l	99
16) Acetone	2.386	43	100364	245.244	ug/l	91
17) Carbon Disulfide	2.514	76	92422	47.043	ug/l	99
18) Methyl Acetate	2.709	43	53389	50.543	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	132025	50.925	ug/l	100
20) Methylene Chloride	2.794	84	42736	50.383	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	40639	50.436	ug/l	96
22) Diisopropyl ether	3.770	45	132011	50.904	ug/l	93
23) Vinyl Acetate	3.727	43	577617	263.760	ug/l	97
24) 1,1-Dichloroethane	3.617	63	73781	50.327	ug/l	98
25) 2-Butanone	4.562	43	165242	253.542	ug/l	99
26) 2,2-Dichloropropane	4.483	77	49281	46.337	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	47864	51.222	ug/l	95
28) Bromochloromethane	4.904	49	27565	46.477	ug/l	93
29) Tetrahydrofuran	5.007	42	109848	251.831	ug/l	96
30) Chloroform	5.099	83	76392	50.169	ug/l	98
31) Cyclohexane	5.477	56	67883	48.629	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	67143	50.937	ug/l	99
36) 1,1-Dichloropropene	5.696	75	56825	49.374	ug/l	98
37) Ethyl Acetate	4.721	43	62980	49.841	ug/l	98
38) Carbon Tetrachloride	5.678	117	59844	49.855	ug/l	98
39) Methylcyclohexane	7.385	83	71254	49.770	ug/l	92
40) Benzene	6.044	78	168822	50.160	ug/l	99

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41) Methacrylonitrile	4.928	41	34671	50.017	ug/l	94
42) 1,2-Dichloroethane	6.092	62	60383	50.572	ug/l	97
43) Isopropyl Acetate	6.342	43	100833	51.872	ug/l	97
44) Trichloroethene	7.129	130	49799	49.463	ug/l	98
45) 1,2-Dichloropropane	7.434	63	42331	51.476	ug/l	97
46) Dibromomethane	7.586	93	31056	52.579	ug/l	96
47) Bromodichloromethane	7.824	83	58850	51.047	ug/l	97
48) Methyl methacrylate	7.696	41	50598	53.774	ug/l	95
49) 1,4-Dioxane	7.659	88	21803	1024.983	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	327558	259.256	ug/l	97
52) Toluene	8.720	92	111044	51.526	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	60139	46.332	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	67323	52.314	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	44823	52.511	ug/l	98
56) Ethyl methacrylate	9.116	69	72147	54.289	ug/l	94
57) 1,3-Dichloropropane	9.311	76	74058	52.162	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	165742	258.737	ug/l	95
59) 2-Hexanone	9.433	43	254982	264.050	ug/l	96
60) Dibromochloromethane	9.525	129	47164	53.263	ug/l	99
61) 1,2-Dibromoethane	9.610	107	46673	51.343	ug/l	99
64) Tetrachloroethene	9.275	164	50456	47.626	ug/l	94
65) Chlorobenzene	10.079	112	118668	49.715	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	44088	50.934	ug/l	99
67) Ethyl Benzene	10.195	91	212104	50.619	ug/l	100
68) m/p-Xylenes	10.305	106	162934	101.145	ug/l	97
69) o-Xylene	10.640	106	80352	49.699	ug/l	96
70) Styrene	10.659	104	135880	51.362	ug/l	97
71) Bromoform	10.799	173	33982	45.798	ug/l #	99
73) Isopropylbenzene	10.963	105	209949	50.944	ug/l	98
74) N-amyl acetate	10.842	43	86641	55.254	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	61661	50.655	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	61375m	52.906	ug/l	
77) Bromobenzene	11.201	156	51850	50.440	ug/l	95
78) n-propylbenzene	11.305	91	239486	51.128	ug/l	99
79) 2-Chlorotoluene	11.366	91	145437	50.669	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	176803	51.020	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17368	44.409	ug/l	95
82) 4-Chlorotoluene	11.457	91	166916	50.904	ug/l	97
83) tert-Butylbenzene	11.713	119	173081	51.365	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	176595	51.231	ug/l	97
85) sec-Butylbenzene	11.890	105	217404	51.455	ug/l	98
86) p-Isopropyltoluene	12.012	119	185604	51.529	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	96439	49.858	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	96811	48.950	ug/l	98
89) n-Butylbenzene	12.335	91	151372	50.280	ug/l	99
90) Hexachloroethane	12.542	117	29096	52.149	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	93688	49.641	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14766	52.250	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	58745	49.326	ug/l	97
94) Hexachlorobutadiene	13.725	225	23898	48.333	ug/l	98
95) Naphthalene	13.774	128	210885	52.109	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	60245	50.466	ug/l	99

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

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