

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
 Data File : VX027439.D
 Acq On : 14 Mar 2022 22:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 15 06:07:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	296123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	461745	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	227865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169592	49.111	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.220%		
35) Dibromofluoromethane	5.391	113	162581	54.567	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	109.140%		
50) Toluene-d8	8.653	98	609234	54.162	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.320%		
62) 4-Bromofluorobenzene	11.079	95	233239	54.405	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	155875	51.352	ug/l	100
3) Chloromethane	1.288	50	145138	45.471	ug/l	100
4) Vinyl Chloride	1.374	62	160632	48.965	ug/l	99
5) Bromomethane	1.593	94	62413	46.702	ug/l	99
6) Chloroethane	1.673	64	96960	51.430	ug/l	98
7) Trichlorofluoromethane	1.880	101	233022	51.007	ug/l	95
8) Diethyl Ether	2.136	74	89120	50.065	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	152945	51.208	ug/l	93
10) Methyl Iodide	2.447	142	203444	48.258	ug/l	98
11) Tert butyl alcohol	2.971	59	185947	274.673	ug/l	99
12) 1,1-Dichloroethene	2.313	96	150459	52.401	ug/l	94
13) Acrolein	2.233	56	132519	279.262	ug/l	98
14) Allyl chloride	2.660	41	220038	48.857	ug/l	95
15) Acrylonitrile	3.069	53	468251	262.822	ug/l	100
16) Acetone	2.380	43	362270	270.927	ug/l	99
17) Carbon Disulfide	2.508	76	360930	46.268	ug/l	99
18) Methyl Acetate	2.703	43	195388	51.471	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	497728	52.320	ug/l	99
20) Methylene Chloride	2.788	84	174690	51.781	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	162678	50.974	ug/l	94
22) Diisopropyl ether	3.764	45	458874	50.966	ug/l	93
23) Vinyl Acetate	3.721	43	1964679	260.845	ug/l	98
24) 1,1-Dichloroethane	3.611	63	280729	51.351	ug/l	99
25) 2-Butanone	4.556	43	606287	254.886	ug/l	99
26) 2,2-Dichloropropane	4.477	77	172204	43.932	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	195541	52.811	ug/l	91
28) Bromochloromethane	4.898	49	109443	48.114	ug/l	86
29) Tetrahydrofuran	5.007	42	402079	255.468	ug/l	97
30) Chloroform	5.099	83	303455	52.591	ug/l	99
31) Cyclohexane	5.471	56	239068	49.493	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	261351	52.995	ug/l	98
36) 1,1-Dichloropropene	5.696	75	215963	52.207	ug/l	97
37) Ethyl Acetate	4.721	43	225344	51.678	ug/l	98
38) Carbon Tetrachloride	5.678	117	238526	55.762	ug/l	99
39) Methylcyclohexane	7.385	83	271937	52.058	ug/l	99
40) Benzene	6.044	78	669855	53.166	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	124304	52.872	ug/l	98
42) 1,2-Dichloroethane	6.092	62	217997	52.966	ug/l	99
43) Isopropyl Acetate	6.342	43	342359	52.083	ug/l	99
44) Trichloroethene	7.129	130	194161	56.108	ug/l	99
45) 1,2-Dichloropropane	7.434	63	168884	53.495	ug/l	98
46) Dibromomethane	7.586	93	125438	55.848	ug/l	95
47) Bromodichloromethane	7.824	83	233862	56.381	ug/l	99
48) Methyl methacrylate	7.696	41	171051	52.329	ug/l	97
49) 1,4-Dioxane	7.659	88	101690	1188.018	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	1188387	270.038	ug/l	99
52) Toluene	8.720	92	448449	55.832	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	236660	55.607	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	263090	55.070	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	190933	56.961	ug/l	98
56) Ethyl methacrylate	9.116	69	281013	56.836	ug/l	99
57) 1,3-Dichloropropane	9.311	76	297812	55.036	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	627786	251.483	ug/l	96
59) 2-Hexanone	9.433	43	929608	273.459	ug/l	98
60) Dibromochloromethane	9.525	129	207235	60.575	ug/l	96
61) 1,2-Dibromoethane	9.610	107	201591	58.236	ug/l	99
64) Tetrachloroethene	9.275	164	167406	54.924	ug/l	98
65) Chlorobenzene	10.080	112	507374	55.448	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	189357	59.189	ug/l	99
67) Ethyl Benzene	10.195	91	856927	54.304	ug/l	96
68) m/p-Xylenes	10.305	106	694339	112.178	ug/l	96
69) o-Xylene	10.647	106	346438	56.691	ug/l	96
70) Styrene	10.659	104	583622	57.535	ug/l	99
71) Bromoform	10.805	173	163308	62.506	ug/l #	99
73) Isopropylbenzene	10.964	105	892279	53.542	ug/l	100
74) N-amyl acetate	10.842	43	312818	51.358	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	300911	52.544	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	267114m	53.429	ug/l	
77) Bromobenzene	11.201	156	238247	56.653	ug/l	91
78) n-propylbenzene	11.305	91	1003833	53.550	ug/l	96
79) 2-Chlorotoluene	11.366	91	610601	52.117	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	773925	54.167	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	83509	54.021	ug/l	98
82) 4-Chlorotoluene	11.457	91	700602	52.861	ug/l	97
83) tert-Butylbenzene	11.720	119	787738	55.158	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	772762	54.533	ug/l	100
85) sec-Butylbenzene	11.890	105	939755	54.558	ug/l	99
86) p-Isopropyltoluene	12.012	119	802811	55.051	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	434895	55.045	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	435479	54.441	ug/l	100
89) n-Butylbenzene	12.335	91	652681	53.432	ug/l	97
90) Hexachloroethane	12.543	117	135417	59.578	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	430064	55.209	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	65649	54.714	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	277719	54.314	ug/l	99
94) Hexachlorobutadiene	13.725	225	120708	53.837	ug/l	94
95) Naphthalene	13.780	128	955910	55.687	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	284592	55.695	ug/l	96

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

