

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029179.D
 Acq On : 03 Jun 2022 09:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/03/2022
 Supervised By :Semsettin Yesilyurt 06/03/2022

Quant Time: Jun 03 10:10:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	254941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436716	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	197490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165721	57.646	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.300%			
35) Dibromofluoromethane	5.391	113	145309	50.093	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.180%			
50) Toluene-d8	8.653	98	537190	50.634	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.260%			
62) 4-Bromofluorobenzene	11.085	95	202921	49.480	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	129769	58.542	ug/l	99
3) Chloromethane	1.288	50	125507	54.111	ug/l	100
4) Vinyl Chloride	1.374	62	139227	54.585	ug/l	99
5) Bromomethane	1.605	94	58602	49.909	ug/l	98
6) Chloroethane	1.678	64	87907	47.366	ug/l	99
7) Trichlorofluoromethane	1.886	101	218314	55.071	ug/l	99
8) Diethyl Ether	2.136	74	81567	53.687	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	129960	55.276	ug/l	99
10) Methyl Iodide	2.453	142	153816	53.083	ug/l	98
11) Tert butyl alcohol	2.983	59	174036	261.328	ug/l	97
12) 1,1-Dichloroethene	2.319	96	127905	55.665	ug/l	95
13) Acrolein	2.239	56	64982	215.354	ug/l	98
14) Allyl chloride	2.666	41	190419	55.180	ug/l	96
15) Acrylonitrile	3.062	53	408347	297.796	ug/l	100
16) Acetone	2.380	43	331362	292.714	ug/l	98
17) Carbon Disulfide	2.514	76	299053	47.452	ug/l	100
18) Methyl Acetate	2.703	43	177951	60.781	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	453998	58.235	ug/l	98
20) Methylene Chloride	2.788	84	150114	56.876	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	145337	56.066	ug/l	95
22) Diisopropyl ether	3.763	45	419317	60.751	ug/l	96
23) Vinyl Acetate	3.721	43	1768102	306.725	ug/l	99
24) 1,1-Dichloroethane	3.611	63	254547	59.607	ug/l	98
25) 2-Butanone	4.562	43	539866	295.638	ug/l	100
26) 2,2-Dichloropropane	4.483	77	114945	32.809	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	170236	55.066	ug/l	91
28) Bromochloromethane	4.897	49	100180	58.302	ug/l	98
29) Tetrahydrofuran	5.007	42	354666	302.866	ug/l	97
30) Chloroform	5.099	83	273269	57.722	ug/l	99
31) Cyclohexane	5.470	56	221088	59.155	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	235498	54.934	ug/l	98
36) 1,1-Dichloropropene	5.696	75	193622	51.875	ug/l	99
37) Ethyl Acetate	4.715	43	202877	56.085	ug/l	99
38) Carbon Tetrachloride	5.684	117	205805	48.249	ug/l	97
39) Methylcyclohexane	7.385	83	234722	50.873	ug/l	97
40) Benzene	6.044	78	594779	53.803	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	113669	58.179	ug/l	95
42) 1,2-Dichloroethane	6.086	62	203762	54.353	ug/l	98
43) Isopropyl Acetate	6.342	43	303863	53.695	ug/l	100
44) Trichloroethene	7.129	130	162060	49.443	ug/l	95
45) 1,2-Dichloropropane	7.434	63	146783	55.098	ug/l	98
46) Dibromomethane	7.580	93	109565	52.794	ug/l	94
47) Bromodichloromethane	7.824	83	207226	50.651	ug/l	98
48) Methyl methacrylate	7.696	41	154333	56.065	ug/l	94
49) 1,4-Dioxane	7.671	88	80902	960.453	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1034955	274.967	ug/l	99
52) Toluene	8.720	92	388842	52.657	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	194113	46.165	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	221194	48.079	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	160485	52.229	ug/l	98
56) Ethyl methacrylate	9.116	69	236688	54.267	ug/l	97
57) 1,3-Dichloropropane	9.311	76	262147	53.525	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	549308	265.774	ug/l	96
59) 2-Hexanone	9.433	43	793664	270.946	ug/l	98
60) Dibromochloromethane	9.525	129	159959	45.740	ug/l	97
61) 1,2-Dibromoethane	9.610	107	171197	51.514	ug/l	99
64) Tetrachloroethene	9.275	164	144342	47.249	ug/l	95
65) Chlorobenzene	10.079	112	414179	49.692	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	153908	47.902	ug/l	99
67) Ethyl Benzene	10.195	91	743166	53.065	ug/l	99
68) m/p-Xylenes	10.305	106	577628	102.701	ug/l	99
69) o-Xylene	10.640	106	285320	51.330	ug/l	100
70) Styrene	10.659	104	483601	52.277	ug/l	99
71) Bromoform	10.799	173	111986	40.372	ug/l	99
73) Isopropylbenzene	10.963	105	747318	56.310	ug/l	98
74) N-amyl acetate	10.848	43	251527	58.531	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	249680	55.807	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	219349m	54.790	ug/l	
77) Bromobenzene	11.201	156	173660	49.061	ug/l	96
78) n-propylbenzene	11.305	91	839025	56.842	ug/l	99
79) 2-Chlorotoluene	11.366	91	515972	55.302	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	630805	55.520	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	56659	41.521	ug/l	91
82) 4-Chlorotoluene	11.457	91	586825	54.945	ug/l	100
83) tert-Butylbenzene	11.719	119	621542	53.523	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	633067	55.821	ug/l	100
85) sec-Butylbenzene	11.890	105	757764	55.582	ug/l	99
86) p-Isopropyltoluene	12.012	119	643511	53.988	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	333658	50.014	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	336300	48.919	ug/l	98
89) n-Butylbenzene	12.335	91	528566	54.646	ug/l	99
90) Hexachloroethane	12.542	117	101593	46.878	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	336241	51.166	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	54426	54.484	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	201434	49.153	ug/l	98
94) Hexachlorobutadiene	13.725	225	79400	46.371	ug/l	93
95) Naphthalene	13.774	128	758555	57.883	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	202733	50.096	ug/l	96

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

