

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049447.D
 Acq On : 28 Jun 2022 10:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 28 17:05:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	286738	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	485507	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	439611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	213451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	198640	44.982	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.960%		
35) Dibromofluoromethane	5.285	113	162940	47.970	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.940%		
50) Toluene-d8	7.896	98	596109	49.203	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.400%		
62) 4-Bromofluorobenzene	10.633	95	227717	49.067	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.140%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	201649	43.764	ug/l	100
3) Chloromethane	1.524	50	238758	42.252	ug/l	98
4) Vinyl Chloride	1.604	62	208311	44.905	ug/l	100
5) Bromomethane	1.848	94	67205	46.591	ug/l	99
6) Chloroethane	1.922	64	110297	51.482	ug/l	97
7) Trichlorofluoromethane	2.131	101	256019	43.305	ug/l	99
8) Diethyl Ether	2.376	74	102796	48.135	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.578	101	157920	49.646	ug/l	95
10) Methyl Iodide	2.720	142	178505	56.036	ug/l	97
11) Tert butyl alcohol	3.192	59	297859m	288.178	ug/l	
12) 1,1-Dichloroethene	2.575	96	152639	49.012	ug/l	91
13) Acrolein	2.485	56	125783	179.700	ug/l	98
14) Allyl chloride	2.919	41	298313	47.395	ug/l #	87
15) Acrylonitrile	3.311	53	615010	247.403	ug/l	99
16) Acetone	2.630	43	515525	231.495	ug/l	98
17) Carbon Disulfide	2.790	76	431715	44.450	ug/l	100
18) Methyl Acetate	2.948	43	275267	45.662	ug/l	93
19) Methyl tert-butyl Ether	3.363	73	557577	48.137	ug/l	96
20) Methylene Chloride	3.041	84	180098	48.561	ug/l	90
21) trans-1,2-Dichloroethene	3.350	96	162547	48.417	ug/l	94
22) Diisopropyl ether	3.990	45	569678	47.405	ug/l #	77
23) Vinyl Acetate	3.951	43	2553458	242.424	ug/l	95
24) 1,1-Dichloroethane	3.868	63	321815	46.621	ug/l	98
25) 2-Butanone	4.700	43	830715	248.912	ug/l	95
26) 2,2-Dichloropropane	4.662	77	261980	45.600	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	192370	49.593	ug/l	92
28) Bromochloromethane	4.970	49	139660	46.287	ug/l #	80
29) Tetrahydrofuran	5.048	42	547060	238.945	ug/l	89
30) Chloroform	5.086	83	308927	45.242	ug/l	99
31) Cyclohexane	5.388	56	301983	45.543	ug/l	92
32) 1,1,1-Trichloroethane	5.314	97	270866	45.719	ug/l	100
36) 1,1-Dichloropropene	5.523	75	231465	46.996	ug/l	98
37) Ethyl Acetate	4.800	43	308981	45.910	ug/l #	94
38) Carbon Tetrachloride	5.523	117	231755	44.868	ug/l	99
39) Methylcyclohexane	6.761	83	292464	49.540	ug/l	92
40) Benzene	5.771	78	699682	47.054	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	161066	47.761	ug/l	90
42) 1,2-Dichloroethane	5.794	62	244741	44.222	ug/l	100
43) Isopropyl Acetate	5.909	43	465168	47.170	ug/l	97
44) Trichloroethene	6.539	130	169813	48.039	ug/l	87
45) 1,2-Dichloropropane	6.790	63	189903	46.090	ug/l	99
46) Dibromomethane	6.916	93	127976	46.586	ug/l	91
47) Bromodichloromethane	7.105	83	242552	45.874	ug/l	99
48) Methyl methacrylate	6.957	41	220882	47.795	ug/l	88
49) 1,4-Dioxane	6.986	88	123052	1039.283	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1536910	232.870	ug/l	97
52) Toluene	7.967	92	425816	48.180	ug/l	100
53) t-1,3-Dichloropropene	8.208	75	274604	48.418	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	298285	49.257	ug/l	99
55) 1,1,2-Trichloroethane	8.398	97	177282	48.515	ug/l	99
56) Ethyl methacrylate	8.330	69	307082	50.245	ug/l	93
57) 1,3-Dichloropropane	8.575	76	301209	46.467	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	163898	338.924	ug/l	94
59) 2-Hexanone	8.684	43	1209679	233.076	ug/l	96
60) Dibromochloromethane	8.809	129	183015	48.162	ug/l	99
61) 1,2-Dibromoethane	8.922	107	191304	48.040	ug/l	100
64) Tetrachloroethene	8.552	164	136938	48.566	ug/l	92
65) Chlorobenzene	9.446	112	439975	48.955	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	167573	49.426	ug/l	98
67) Ethyl Benzene	9.568	91	828118	50.191	ug/l	97
68) m/p-Xylenes	9.690	106	618451	101.306	ug/l	90
69) o-Xylene	10.099	106	305594	50.424	ug/l	89
70) Styrene	10.112	104	508187	52.186	ug/l	96
71) Bromoform	10.289	173	142463	48.994	ug/l #	100
73) Isopropylbenzene	10.481	105	811628	53.378	ug/l	95
74) N-amyl acetate	10.317	43	406285	50.485	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.780	83	316671	49.165	ug/l	100
76) 1,2,3-Trichloropropane	10.822	75	359891	49.738	ug/l	99
77) Bromobenzene	10.780	156	187606	50.547	ug/l	85
78) n-propylbenzene	10.903	91	956199	51.753	ug/l	96
79) 2-Chlorotoluene	10.983	91	569640	50.042	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	692706	52.183	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.546	75	99551	50.807	ug/l	96
82) 4-Chlorotoluene	11.096	91	647350	50.564	ug/l	93
83) tert-Butylbenzene	11.420	119	675016	51.699	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	684561	52.493	ug/l	95
85) sec-Butylbenzene	11.642	105	845945	51.533	ug/l	97
86) p-Isopropyltoluene	11.790	119	703039	52.958	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	352404	49.664	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	353576	49.576	ug/l	98
89) n-Butylbenzene	12.208	91	636684	51.810	ug/l	98
90) Hexachloroethane	12.475	117	121122	45.807	ug/l	86
91) 1,2-Dichlorobenzene	12.211	146	359225	50.384	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	81374	49.270	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	239886	50.131	ug/l	98
94) Hexachlorobutadiene	14.018	225	105884	47.876	ug/l	99
95) Naphthalene	14.083	128	867833	51.864	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	242612	49.338	ug/l	98

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

