

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045629.D
 Acq On : 08 Nov 2021 20:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 09 10:04:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2021
 Supervised By : Mahesh Dadoda 11/15/2021

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	141789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	251053	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	242666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	123883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	108012	50.866	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.740%			
35) Dibromofluoromethane	5.292	113	85290	50.885	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.760%			
50) Toluene-d8	7.899	98	323771	51.947	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.900%			
62) 4-Bromofluorobenzene	10.636	95	124818	49.941	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	91040	49.522	ug/l	99
3) Chloromethane	1.520	50	97517	46.361	ug/l	99
4) Vinyl Chloride	1.604	62	103413	50.470	ug/l	99
5) Bromomethane	1.845	94	65979	57.731	ug/l	100
6) Chloroethane	1.929	64	63817	47.725	ug/l	97
7) Trichlorofluoromethane	2.138	101	136795	50.487	ug/l	99
8) Diethyl Ether	2.379	74	55617	51.855	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.578	101	78033	49.321	ug/l	95
10) Methyl Iodide	2.723	142	93208	45.018	ug/l	93
11) Tert butyl alcohol	3.176	59	114532	272.501	ug/l	99
12) 1,1-Dichloroethene	2.578	96	78791	50.510	ug/l	98
13) Acrolein	2.485	56	16982	278.819	ug/l	100
14) Allyl chloride	2.925	41	139376	50.039	ug/l	98
15) Acrylonitrile	3.311	53	292778	260.907	ug/l	98
16) Acetone	2.626	43	226780	209.799	ug/l	99
17) Carbon Disulfide	2.793	76	208942	47.820	ug/l	99
18) Methyl Acetate	2.948	43	189299	51.416	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	299072	53.262	ug/l	100
20) Methylene Chloride	3.047	84	94706	50.423	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	86589	53.356	ug/l	95
22) Diisopropyl ether	3.996	45	289806	52.990	ug/l	92
23) Vinyl Acetate	3.957	43	1135676	269.990	ug/l	99
24) 1,1-Dichloroethane	3.871	63	169955	52.148	ug/l	99
25) 2-Butanone	4.700	43	378562	252.505	ug/l	99
26) 2,2-Dichloropropane	4.668	77	123737	45.818	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	101049	53.013	ug/l	99
28) Bromochloromethane	4.977	49	67086	43.177	ug/l	92
29) Tetrahydrofuran	5.051	42	242266	264.180	ug/l	99
30) Chloroform	5.092	83	166999	51.811	ug/l	99
31) Cyclohexane	5.391	56	148022	47.775	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	144597	52.606	ug/l	96
36) 1,1-Dichloropropene	5.530	75	122787	50.159	ug/l	98
37) Ethyl Acetate	4.803	43	144130	51.255	ug/l	98
38) Carbon Tetrachloride	5.526	117	125222	50.739	ug/l	100
39) Methylcyclohexane	6.764	83	145519	48.455	ug/l	95
40) Benzene	5.777	78	363360	50.136	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	79215	53.306	ug/l	98
42) 1,2-Dichloroethane	5.797	62	135734	51.849	ug/l	100
43) Isopropyl Acetate	5.912	43	226364	52.630	ug/l	98
44) Trichloroethene	6.542	130	90444	52.134	ug/l	96
45) 1,2-Dichloropropane	6.793	63	98820	51.531	ug/l	98
46) Dibromomethane	6.922	93	69595	52.376	ug/l	97
47) Bromodichloromethane	7.108	83	134248	53.248	ug/l	98
48) Methyl methacrylate	6.960	41	105231	53.156	ug/l	97
49) 1,4-Dioxane	6.964	88	53398	1048.873	ug/l #	95
51) 4-Methyl-2-Pentanone	7.793	43	748832	263.931	ug/l	100
52) Toluene	7.973	92	233872	52.708	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	151114	52.152	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	160834	52.259	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	96293	52.363	ug/l	99
56) Ethyl methacrylate	8.333	69	159337	48.389	ug/l	97
57) 1,3-Dichloropropane	8.578	76	170704	51.539	ug/l	99
59) 2-Hexanone	8.684	43	571848	232.187	ug/l	100
60) Dibromochloromethane	8.813	129	102675	53.619	ug/l	99
61) 1,2-Dibromoethane	8.925	107	102237	51.836	ug/l	99
64) Tetrachloroethene	8.555	164	75384	54.124	ug/l	98
65) Chlorobenzene	9.449	112	245942	51.597	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	88310	51.947	ug/l	99
67) Ethyl Benzene	9.571	91	447952	52.478	ug/l	100
68) m/p-Xylenes	9.697	106	347415	107.918	ug/l	98
69) o-Xylene	10.102	106	169234	54.072	ug/l	100
70) Styrene	10.115	104	287298	54.260	ug/l	98
71) Bromoform	10.295	173	78473	48.846	ug/l #	98
73) Isopropylbenzene	10.488	105	443627	54.807	ug/l	100
74) N-amyl acetate	10.320	43	201540	55.193	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	165434	51.585	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	149743m	39.859	ug/l	
77) Bromobenzene	10.783	156	106450	54.166	ug/l	95
78) n-propylbenzene	10.909	91	534473	53.053	ug/l	99
79) 2-Chlorotoluene	10.986	91	316783	53.223	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	377599	53.392	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	50793	44.633	ug/l	95
82) 4-Chlorotoluene	11.099	91	369202	52.892	ug/l	98
83) tert-Butylbenzene	11.423	119	365657	54.239	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	382431	54.409	ug/l	100
85) sec-Butylbenzene	11.645	105	470732	52.649	ug/l	100
86) p-Isopropyltoluene	11.796	119	389122	52.081	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	203312	51.273	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	206009	51.368	ug/l	100
89) n-Butylbenzene	12.211	91	357070	49.613	ug/l	99
90) Hexachloroethane	12.478	117	69010	51.201	ug/l	95
91) 1,2-Dichlorobenzene	12.214	146	199346	51.673	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	40048	52.923	ug/l	93
93) 1,2,4-Trichlorobenzene	13.841	180	135304	50.724	ug/l	98
94) Hexachlorobutadiene	14.025	225	51593	44.808	ug/l	98
95) Naphthalene	14.089	128	513205	51.153	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	140939	53.195	ug/l	99

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

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