

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045035.D
 Acq On : 30 Sep 2021 10:25
 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

MMDadoda
 10/1/2021 11:03:27 AM

Quant Time: Sep 30 16:05:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	168655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	303896	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	312831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	164322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	140446	50.026	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.060%			
35) Dibromofluoromethane	5.292	113	99172	51.731	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.460%			
50) Toluene-d8	7.902	98	399773	52.777	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.560%			
62) 4-Bromofluorobenzene	10.639	95	175252	56.040	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	96395	46.155	ug/l	98
3) Chloromethane	1.520	50	112783	41.691	ug/l	100
4) Vinyl Chloride	1.607	62	129149	47.813	ug/l	100
5) Bromomethane	1.829	94	45729	43.159	ug/l	99
6) Chloroethane	1.906	64	90316	43.525	ug/l	99
7) Trichlorofluoromethane	2.121	101	169129	47.413	ug/l	99
8) Diethyl Ether	2.379	74	77265	47.263	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.575	101	97862	48.240	ug/l	99
10) Methyl Iodide	2.719	142	112523	51.968	ug/l	96
11) Tert butyl alcohol	3.218	59	171314	212.612	ug/l	100
12) 1,1-Dichloroethene	2.575	96	96637	48.328	ug/l	96
13) Acrolein	2.488	56	34132	217.665	ug/l	97
14) Allyl chloride	2.922	41	176763	47.767	ug/l	95
15) Acrylonitrile	3.317	53	368343	226.669	ug/l	99
16) Acetone	2.629	43	437976	262.818	ug/l	100
17) Carbon Disulfide	2.790	76	267828	45.373	ug/l	100
18) Methyl Acetate	2.951	43	221350	45.447	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	376311	48.751	ug/l	99
20) Methylene Chloride	3.044	84	118443	47.187	ug/l	96
21) trans-1,2-Dichloroethene	3.353	96	104964	47.985	ug/l	94
22) Diisopropyl ether	3.999	45	367020	48.579	ug/l	91
23) Vinyl Acetate	3.957	43	1507736	245.375	ug/l	97
24) 1,1-Dichloroethane	3.870	63	209159	48.225	ug/l	99
25) 2-Butanone	4.706	43	573067	242.040	ug/l	97
26) 2,2-Dichloropropane	4.668	77	181548	49.511	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	123220	47.695	ug/l	98
28) Bromochloromethane	4.976	49	100931	56.147	ug/l	94
29) Tetrahydrofuran	5.054	42	318465	225.956	ug/l	95
30) Chloroform	5.092	83	211593	48.405	ug/l	100
31) Cyclohexane	5.388	56	191801	44.975	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	175473	48.650	ug/l	98
36) 1,1-Dichloropropene	5.530	75	157739	49.634	ug/l	99
37) Ethyl Acetate	4.806	43	192565	45.795	ug/l	98
38) Carbon Tetrachloride	5.526	117	136281	49.557	ug/l	98
39) Methylcyclohexane	6.764	83	193972	49.718	ug/l	96
40) Benzene	5.777	78	465682	49.199	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	104061	48.071	ug/l	96
42) 1,2-Dichloroethane	5.796	62	181716	48.845	ug/l	100
43) Isopropyl Acetate	5.915	43	308572	48.778	ug/l	98
44) Trichloroethene	6.546	130	108872	48.785	ug/l	97
45) 1,2-Dichloropropane	6.796	63	124278	49.524	ug/l	97
46) Dibromomethane	6.922	93	84638	50.066	ug/l	99
47) Bromodichloromethane	7.111	83	170014	51.796	ug/l	97
48) Methyl methacrylate	6.967	41	151756	49.284	ug/l	95
49) 1,4-Dioxane	6.970	88	67255	852.000	ug/l	94
51) 4-Methyl-2-Pentanone	7.800	43	1131997	245.796	ug/l	98
52) Toluene	7.973	92	299176	50.502	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	201761	53.752	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	205497	52.559	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	130153	52.729	ug/l	98
56) Ethyl methacrylate	8.340	69	232910	48.647	ug/l	98
57) 1,3-Dichloropropane	8.581	76	225307	51.146	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	352521	231.860	ug/l	98
59) 2-Hexanone	8.690	43	938128	250.143	ug/l	97
60) Dibromochloromethane	8.816	129	128869	49.272	ug/l	100
61) 1,2-Dibromoethane	8.928	107	136538	52.039	ug/l	100
64) Tetrachloroethene	8.555	164	92044	45.080	ug/l	96
65) Chlorobenzene	9.452	112	325132	49.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	117685	51.394	ug/l	99
67) Ethyl Benzene	9.574	91	609430	50.495	ug/l	98
68) m/p-Xylenes	9.697	106	469317	100.092	ug/l	99
69) o-Xylene	10.105	106	234700	50.434	ug/l	98
70) Styrene	10.118	104	410011	52.519	ug/l	99
71) Bromoform	10.295	173	101458	46.301	ug/l #	99
73) Isopropylbenzene	10.488	105	624530	51.037	ug/l	100
74) N-amyl acetate	10.324	43	301127	48.872	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	251321	47.467	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	228431m	47.660	ug/l	
77) Bromobenzene	10.787	156	148454	50.241	ug/l	99
78) n-propylbenzene	10.909	91	777594	52.145	ug/l	100
79) 2-Chlorotoluene	10.989	91	468045	50.073	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	551220	51.420	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	82774	47.927	ug/l	98
82) 4-Chlorotoluene	11.102	91	540898	51.195	ug/l	100
83) tert-Butylbenzene	11.423	119	533183	51.135	ug/l	100
84) 1,2,4-Trimethylbenzene	11.471	105	553262	52.167	ug/l	99
85) sec-Butylbenzene	11.648	105	701414	52.236	ug/l	100
86) p-Isopropyltoluene	11.796	119	571949	52.951	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	281903	49.818	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	282137	48.740	ug/l	99
89) n-Butylbenzene	12.214	91	534105	53.686	ug/l	99
90) Hexachloroethane	12.481	117	98222	50.358	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	281524	48.669	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	56413	45.156	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	158195	49.074	ug/l	99
94) Hexachlorobutadiene	14.024	225	64424	47.875	ug/l	99
95) Naphthalene	14.089	128	570761	47.076	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	157260	48.575	ug/l	100

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

