

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045060.D
 Acq On : 30 Sep 2021 20:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:03:38 AM

Quant Time: Oct 01 05:42:26 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	5.376	168	153324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	282943	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	277138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	149430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	132262	51.821	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.640%			
35) Dibromofluoromethane	5.292	113	91959	51.521	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.040%			
50) Toluene-d8	7.900	98	364655	51.706	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.420%			
62) 4-Bromofluorobenzene	10.636	95	155926	53.553	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	90282	47.551	ug/l	99
3) Chloromethane	1.517	50	115907	47.130	ug/l	100
4) Vinyl Chloride	1.607	62	118599	48.297	ug/l	98
5) Bromomethane	1.836	94	44570	46.271	ug/l	99
6) Chloroethane	1.906	64	77718	41.198	ug/l	99
7) Trichlorofluoromethane	2.125	101	153619	47.371	ug/l	99
8) Diethyl Ether	2.379	74	72403	48.718	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.575	101	91859	49.808	ug/l	97
10) Methyl Iodide	2.720	142	98033	49.803	ug/l	96
11) Tert butyl alcohol	3.257	59	191018m	260.770	ug/l	
12) 1,1-Dichloroethene	2.575	96	91263	50.204	ug/l	94
13) Acrolein	2.488	56	33978	238.052	ug/l	99
14) Allyl chloride	2.922	41	172539	51.287	ug/l	99
15) Acrylonitrile	3.318	53	381120	257.983	ug/l	99
16) Acetone	2.633	43	321778	212.398	ug/l	99
17) Carbon Disulfide	2.790	76	251971	46.955	ug/l	100
18) Methyl Acetate	2.951	43	226548	51.165	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	361217	51.475	ug/l	99
20) Methylene Chloride	3.048	84	112167	49.155	ug/l	96
21) trans-1,2-Dichloroethene	3.353	96	98648	49.607	ug/l	98
22) Diisopropyl ether	3.999	45	352206	51.280	ug/l	94
23) Vinyl Acetate	3.958	43	1466220	262.478	ug/l	98
24) 1,1-Dichloroethane	3.871	63	199938	50.709	ug/l	100
25) 2-Butanone	4.710	43	532488	247.389	ug/l	97
26) 2,2-Dichloropropane	4.668	77	151713	45.512	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	118380	50.403	ug/l	98
28) Bromochloromethane	4.977	49	79207	48.468	ug/l	94
29) Tetrahydrofuran	5.054	42	331001	258.334	ug/l	96
30) Chloroform	5.093	83	199957	50.316	ug/l	100
31) Cyclohexane	5.388	56	182658	47.114	ug/l	97
32) 1,1,1-Trichloroethane	5.318	97	164116	50.051	ug/l	99
36) 1,1-Dichloropropene	5.530	75	144183	48.728	ug/l	99
37) Ethyl Acetate	4.806	43	194482	49.676	ug/l	97
38) Carbon Tetrachloride	5.527	117	127379	49.750	ug/l	99
39) Methylcyclohexane	6.765	83	175395	48.286	ug/l	95
40) Benzene	5.777	78	436244	49.502	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	104317	51.758	ug/l	97
42) 1,2-Dichloroethane	5.797	62	170309	49.169	ug/l	99
43) Isopropyl Acetate	5.916	43	301424	51.176	ug/l	98
44) Trichloroethene	6.546	130	100542	48.389	ug/l	97
45) 1,2-Dichloropropane	6.794	63	115918	49.613	ug/l	99
46) Dibromomethane	6.922	93	78878	50.114	ug/l	99
47) Bromodichloromethane	7.109	83	156170	51.102	ug/l	98
48) Methyl methacrylate	6.967	41	145464	50.739	ug/l	96
49) 1,4-Dioxane	6.980	88	71321	976.257	ug/l	95
51) 4-Methyl-2-Pentanone	7.803	43	1142755	266.507	ug/l	98
52) Toluene	7.974	92	274878	49.837	ug/l	99
53) t-1,3-Dichloropropene	8.215	75	179186	51.273	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	186100	51.123	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	116454	50.673	ug/l	98
56) Ethyl methacrylate	8.340	69	216722	48.619	ug/l	98
57) 1,3-Dichloropropane	8.578	76	205157	50.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.469	63	331106	233.710	ug/l	98
59) 2-Hexanone	8.694	43	938206	268.689	ug/l	98
60) Dibromochloromethane	8.816	129	113960	46.908	ug/l	99
61) 1,2-Dibromoethane	8.928	107	123813	50.683	ug/l	100
64) Tetrachloroethene	8.556	164	84687	46.819	ug/l	98
65) Chlorobenzene	9.449	112	287392	49.461	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	102434	50.495	ug/l	98
67) Ethyl Benzene	9.572	91	535121	50.048	ug/l	100
68) m/p-Xylenes	9.697	106	410033	98.711	ug/l	97
69) o-Xylene	10.105	106	206921	50.192	ug/l	100
70) Styrene	10.118	104	363479	52.555	ug/l	99
71) Bromoform	10.298	173	95315	49.032	ug/l #	100
73) Isopropylbenzene	10.488	105	541899	48.697	ug/l	99
74) N-amyl acetate	10.324	43	293705	52.418	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	246693	51.236	ug/l	99
76) 1,2,3-Trichloropropane	10.829	75	226297m	51.920	ug/l	
77) Bromobenzene	10.787	156	131876	49.078	ug/l	98
78) n-propylbenzene	10.909	91	679750	50.126	ug/l	99
79) 2-Chlorotoluene	10.989	91	413680	48.667	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	479834	49.221	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	79644	50.710	ug/l	98
82) 4-Chlorotoluene	11.102	91	482400	50.209	ug/l	100
83) tert-Butylbenzene	11.424	119	476647	50.269	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	518388	53.750	ug/l	99
85) sec-Butylbenzene	11.649	105	609435	49.909	ug/l	99
86) p-Isopropyltoluene	11.797	119	500038	50.907	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	256134	49.775	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	258191	49.048	ug/l	99
89) n-Butylbenzene	12.211	91	457142	50.529	ug/l	99
90) Hexachloroethane	12.478	117	87908	49.561	ug/l	97
91) 1,2-Dichlorobenzene	12.218	146	258807	49.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	57145	50.301	ug/l	99
93) 1,2,4-Trichlorobenzene	13.845	180	140834	48.042	ug/l	99
94) Hexachlorobutadiene	14.025	225	54473	44.514	ug/l	98
95) Naphthalene	14.089	128	565850	51.322	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	141574	48.088	ug/l	99

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

