

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
 Data File : VU042847.D
 Acq On : 31 Mar 2021 10:48
 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
 4/2/2021 12:47:07 PM

Quant Time: Apr 01 04:38:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	112644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	167850	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	164039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	97343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	82401	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
35) Dibromofluoromethane	5.298	113	59084	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	7.909	98	210265	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	10.642	95	85306	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	60463	45.67	ug/l	97
3) Chloromethane	1.523	50	58627	40.90	ug/l	97
4) Vinyl Chloride	1.607	62	60947	46.73	ug/l	97
5) Bromomethane	1.858	94	43023	55.47	ug/l	98
6) Chloroethane	1.935	64	40022	41.31	ug/l	96
7) Trichlorofluoromethane	2.144	101	104068	45.76	ug/l	96
8) Diethyl Ether	2.382	74	32271	45.53	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.588	101	49448	45.36	ug/l	99
10) Methyl Iodide	2.729	142	61819	42.06	ug/l	99
11) Tert butyl alcohol	3.215	59	81708	212.83	ug/l	96
12) 1,1-Dichloroethene	2.588	96	44884	43.93	ug/l	98
13) Acrolein	2.494	56	23064	173.75	ug/l	95
14) Allyl chloride	2.932	41	103248	46.26	ug/l	99
15) Acrylonitrile	3.324	53	211587	240.29	ug/l	99
16) Acetone	2.639	43	252917	276.80	ug/l	100
17) Carbon Disulfide	2.800	76	128473	44.44	ug/l	99
18) Methyl Acetate	2.954	43	107973	52.50	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	187272	48.30	ug/l	100
20) Methylene Chloride	3.054	84	56721	43.87	ug/l	99
21) trans-1,2-Dichloroethene	3.362	96	52886	46.14	ug/l	95
22) Diisopropyl ether	4.002	45	222354	49.48	ug/l	98
23) Vinyl Acetate	3.967	43	1017829	243.41	ug/l	99
24) 1,1-Dichloroethane	3.880	63	109341	46.68	ug/l	98
25) 2-Butanone	4.713	43	359480	245.97	ug/l	99
26) 2,2-Dichloropropane	4.677	77	99693	48.18	ug/l	99
27) cis-1,2-Dichloroethene	4.677	96	62358	47.52	ug/l	97
28) Bromochloromethane	4.983	49	58149	49.72	ug/l #	99
29) Tetrahydrofuran	5.060	42	219438	242.70	ug/l	100
30) Chloroform	5.099	83	119134	48.11	ug/l	97
31) Cyclohexane	5.398	56	100631	45.01	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	104948	47.75	ug/l	98
36) 1,1-Dichloropropene	5.536	75	82864	49.91	ug/l	98
37) Ethyl Acetate	4.813	43	126314	49.02	ug/l	99
38) Carbon Tetrachloride	5.533	117	92250	48.68	ug/l	99
39) Methylcyclohexane	6.774	83	92708	48.75	ug/l	98
40) Benzene	5.784	78	235105	47.34	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	68840	50.99	ug/l	98
42) 1,2-Dichloroethane	5.803	62	106734	50.12	ug/l	99
43) Isopropyl Acetate	5.922	43	190432	49.08	ug/l	100
44) Trichloroethene	6.552	130	62519	48.97	ug/l	98
45) 1,2-Dichloropropane	6.800	63	67015	50.73	ug/l	100
46) Dibromomethane	6.928	93	47070	50.01	ug/l	99
47) Bromodichloromethane	7.115	83	93844	49.08	ug/l	98
48) Methyl methacrylate	6.967	41	95814	51.16	ug/l	99
49) 1,4-Dioxane	6.996	88	31990	845.11	ug/l	98
51) 4-Methyl-2-Pentanone	7.800	43	678520	249.93	ug/l	100
52) Toluene	7.976	92	153150	50.44	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	104050	51.43	ug/l	97
54) cis-1,3-Dichloropropene	7.616	75	105299	49.74	ug/l	99
55) 1,1,2-Trichloroethane	8.410	97	64472	49.36	ug/l	98
56) Ethyl methacrylate	8.343	69	102868	51.53	ug/l	99
57) 1,3-Dichloropropane	8.584	76	109637	48.91	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.472	63	116482	189.69	ug/l	100
59) 2-Hexanone	8.693	43	556869	257.92	ug/l	100
60) Dibromochloromethane	8.819	129	76510	50.37	ug/l	97
61) 1,2-Dibromoethane	8.931	107	73049	49.17	ug/l	98
64) Tetrachloroethene	8.562	164	65176	49.21	ug/l	96
65) Chlorobenzene	9.455	112	164335	49.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	65570	49.42	ug/l	98
67) Ethyl Benzene	9.578	91	301773	50.45	ug/l	99
68) m/p-Xylenes	9.703	106	227552	103.21	ug/l	98
69) o-Xylene	10.108	106	108593	50.89	ug/l	99
70) Styrene	10.121	104	189007	52.44	ug/l	99
71) Bromoform	10.301	173	62667	49.79	ug/l #	100
73) Isopropylbenzene	10.494	105	303694	49.29	ug/l	100
74) N-amyl acetate	10.330	43	175152	50.37	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	114860	45.61	ug/l	99
76) 1,2,3-Trichloropropane	10.835	75	119901m	48.43	ug/l	
77) Bromobenzene	10.790	156	80499	47.48	ug/l	100
78) n-propylbenzene	10.915	91	377099	52.00	ug/l	100
79) 2-Chlorotoluene	10.996	91	219856	50.24	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	274453	51.34	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	39430	47.19	ug/l	96
82) 4-Chlorotoluene	11.105	91	265813	50.86	ug/l	100
83) tert-Butylbenzene	11.430	119	256133	49.18	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	279317	51.74	ug/l	99
85) sec-Butylbenzene	11.651	105	317564	52.46	ug/l	100
86) p-Isopropyltoluene	11.803	119	302654	54.64	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	148858	48.86	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	154476	49.37	ug/l	99
89) n-Butylbenzene	12.217	91	286835	54.88	ug/l	99
90) Hexachloroethane	12.484	117	50450	48.23	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	151484	48.84	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	32287	48.41	ug/l	100
93) 1,2,4-Trichlorobenzene	13.848	180	109558	55.41	ug/l	99
94) Hexachlorobutadiene	14.031	225	56556	48.90	ug/l	99
95) Naphthalene	14.095	128	327493	49.64	ug/l	99
96) 1,2,3-Trichlorobenzene	14.339	180	107027	53.47	ug/l	98

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

