

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043356.D
 Acq On : 27 Apr 2021 17:09
 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
 4/29/2021 11:36:46 AM

Quant Time: Apr 28 09:10:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	138918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	216095	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	203250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	110329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	115843	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
35) Dibromofluoromethane	5.298	113	80722	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
50) Toluene-d8	7.906	98	279399	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	10.639	95	107077	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	73025	50.95	ug/l	100
3) Chloromethane	1.523	50	87677	57.58	ug/l	98
4) Vinyl Chloride	1.610	62	78586	50.28	ug/l	99
5) Bromomethane	1.861	94	46580	54.69	ug/l	99
6) Chloroethane	1.935	64	52028	48.26	ug/l	98
7) Trichlorofluoromethane	2.144	101	125810	47.37	ug/l	97
8) Diethyl Ether	2.382	74	43399	51.03	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.587	101	72389	52.97	ug/l	96
10) Methyl Iodide	2.729	142	75003	41.65	ug/l	99
11) Tert butyl alcohol	3.221	59	126462	210.11	ug/l #	92
12) 1,1-Dichloroethene	2.587	96	67977	52.27	ug/l	98
13) Acrolein	2.494	56	93087	248.18	ug/l	99
14) Allyl chloride	2.932	41	168002	53.24	ug/l	96
15) Acrylonitrile	3.324	53	324950	250.99	ug/l	99
16) Acetone	2.642	43	407978	296.90	ug/l	98
17) Carbon Disulfide	2.803	76	179722	44.93	ug/l	98
18) Methyl Acetate	2.954	43	161820	55.43	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	263392	51.26	ug/l	99
20) Methylene Chloride	3.054	84	81790	49.31	ug/l	98
21) trans-1,2-Dichloroethene	3.362	96	74692	49.17	ug/l	95
22) Diisopropyl ether	4.002	45	321254	53.21	ug/l	93
23) Vinyl Acetate	3.964	43	1525874	261.18	ug/l	99
24) 1,1-Dichloroethane	3.880	63	161195	52.81	ug/l	100
25) 2-Butanone	4.713	43	535932	252.63	ug/l	100
26) 2,2-Dichloropropane	4.674	77	135847	50.73	ug/l	100
27) cis-1,2-Dichloroethene	4.677	96	88582	51.25	ug/l	98
28) Bromochloromethane	4.983	49	81791	52.54	ug/l	93
29) Tetrahydrofuran	5.060	42	321157	240.42	ug/l	96
30) Chloroform	5.099	83	163612	50.61	ug/l	96
31) Cyclohexane	5.398	56	140468	48.76	ug/l	93
32) 1,1,1-Trichloroethane	5.327	97	142348	49.81	ug/l	100
36) 1,1-Dichloropropene	5.536	75	113768	49.63	ug/l	99
37) Ethyl Acetate	4.809	43	190602	48.62	ug/l	98
38) Carbon Tetrachloride	5.536	117	119590	48.65	ug/l	98
39) Methylcyclohexane	6.771	83	120289	47.72	ug/l	96
40) Benzene	5.783	78	329761	50.34	ug/l	98

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41) Methacrylonitrile	4.983	41	104021	50.47	ug/l	97
42) 1,2-Dichloroethane	5.803	62	146259	50.34	ug/l	100
43) Isopropyl Acetate	5.919	43	273455	48.91	ug/l	98
44) Trichloroethene	6.549	130	87331	52.56	ug/l	98
45) 1,2-Dichloropropane	6.800	63	96001	52.60	ug/l	96
46) Dibromomethane	6.925	93	64050	49.63	ug/l	95
47) Bromodichloromethane	7.115	83	129980	51.02	ug/l	99
48) Methyl methacrylate	6.967	41	138093	49.20	ug/l	96
49) 1,4-Dioxane	7.005	88	47713	848.49	ug/l #	95
51) 4-Methyl-2-Pentanone	7.799	43	967692	233.96	ug/l	99
52) Toluene	7.976	92	202675	49.91	ug/l	99
53) t-1,3-Dichloropropene	8.217	75	137923	48.75	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	146504	51.00	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	87322	50.13	ug/l	99
56) Ethyl methacrylate	8.340	69	135091	47.34	ug/l	97
57) 1,3-Dichloropropane	8.584	76	150604	50.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	184208	158.08	ug/l	97
59) 2-Hexanone	8.693	43	795971	233.71	ug/l	99
60) Dibromochloromethane	8.816	129	99140	49.21	ug/l	100
61) 1,2-Dibromoethane	8.931	107	95458	48.58	ug/l	100
64) Tetrachloroethene	8.562	164	81722	55.42	ug/l	96
65) Chlorobenzene	9.452	112	216513	49.67	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	84153	50.50	ug/l	99
67) Ethyl Benzene	9.578	91	401670	51.06	ug/l	99
68) m/p-Xylenes	9.700	106	293647	100.89	ug/l	98
69) o-Xylene	10.108	106	139940	49.26	ug/l	99
70) Styrene	10.121	104	244135	51.04	ug/l	99
71) Bromoform	10.298	173	77433	45.10	ug/l #	98
73) Isopropylbenzene	10.491	105	389083	52.55	ug/l	99
74) N-amyl acetate	10.327	43	230583	48.47	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	159283	49.40	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	149105m	46.25	ug/l	
77) Bromobenzene	10.790	156	101254	49.08	ug/l	97
78) n-propylbenzene	10.912	91	467888	52.77	ug/l	99
79) 2-Chlorotoluene	10.992	91	274446	50.94	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	336143	51.42	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	47495	43.29	ug/l	94
82) 4-Chlorotoluene	11.102	91	331107	51.15	ug/l	99
83) tert-Butylbenzene	11.426	119	315790	49.14	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	338350	50.38	ug/l	100
85) sec-Butylbenzene	11.651	105	380124	50.47	ug/l	98
86) p-Isopropyltoluene	11.799	119	346036	49.91	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	183584	49.09	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	186208	47.74	ug/l	99
89) n-Butylbenzene	12.214	91	322310	49.64	ug/l	98
90) Hexachloroethane	12.484	117	54999	42.32	ug/l	96
91) 1,2-Dichlorobenzene	12.221	146	184857	48.38	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	43425	47.57	ug/l	90
93) 1,2,4-Trichlorobenzene	13.847	180	132970	52.55	ug/l	99
94) Hexachlorobutadiene	14.028	225	61426	48.57	ug/l	99
95) Naphthalene	14.095	128	443146	55.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	135399	55.12	ug/l	99

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

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