

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU042998.D
 Acq On : 09 Apr 2021 12:57
 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
 4/12/2021 9:56:44 AM

Quant Time: Apr 09 15:42:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 09 09:26:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	106864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	172434	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	174887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	108629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	99492	56.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.90%	
35) Dibromofluoromethane	5.298	113	67719	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
50) Toluene-d8	7.906	98	232582	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	10.642	95	106527	57.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.98%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	56883	56.06	ug/l	97
3) Chloromethane	1.523	50	58800	49.08	ug/l	97
4) Vinyl Chloride	1.607	62	54642	48.27	ug/l	96
5) Bromomethane	1.835	94	32017	47.18	ug/l	100
6) Chloroethane	1.922	64	37996	45.35	ug/l	96
7) Trichlorofluoromethane	2.134	101	92703	47.35	ug/l	99
8) Diethyl Ether	2.379	74	34602	55.16	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	49775	49.45	ug/l	98
10) Methyl Iodide	2.726	142	69595	50.51	ug/l	99
11) Tert butyl alcohol	3.215	59	129355	272.35	ug/l	100
12) 1,1-Dichloroethene	2.581	96	44637	45.35	ug/l	96
13) Acrolein	2.488	56	31114	108.12	ug/l	99
14) Allyl chloride	2.925	41	117024	51.78	ug/l	97
15) Acrylonitrile	3.318	53	263949	280.58	ug/l	100
16) Acetone	2.626	43	281676	287.53	ug/l	99
17) Carbon Disulfide	2.797	76	118076	42.03	ug/l	98
18) Methyl Acetate	2.951	43	149928	67.12	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	219289	56.52	ug/l	99
20) Methylene Chloride	3.051	84	62342	49.71	ug/l	96
21) trans-1,2-Dichloroethene	3.356	96	52618	47.21	ug/l	97
22) Diisopropyl ether	3.999	45	250950	55.87	ug/l	96
23) Vinyl Acetate	3.961	43	1181847	274.22	ug/l	100
24) 1,1-Dichloroethane	3.874	63	114119	51.76	ug/l	99
25) 2-Butanone	4.707	43	438877	280.37	ug/l	99
26) 2,2-Dichloropropane	4.674	77	98843	50.25	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	67660	54.10	ug/l	98
28) Bromochloromethane	4.980	49	68641	59.46	ug/l #	96
29) Tetrahydrofuran	5.054	42	274748	274.23	ug/l	98
30) Chloroform	5.096	83	124607	52.37	ug/l	97
31) Cyclohexane	5.395	56	96284	45.73	ug/l	98
32) 1,1,1-Trichloroethane	5.324	97	102236	50.03	ug/l	100
36) 1,1-Dichloropropene	5.533	75	81712	48.25	ug/l	100
37) Ethyl Acetate	4.809	43	153673	52.71	ug/l	99
38) Carbon Tetrachloride	5.533	117	86558	46.41	ug/l	99
39) Methylcyclohexane	6.771	83	86653	46.42	ug/l	100
40) Benzene	5.781	78	243548	49.17	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	85746	55.25	ug/l	99
42) 1,2-Dichloroethane	5.800	62	116636	53.06	ug/l	99
43) Isopropyl Acetate	5.919	43	232759	54.98	ug/l	100
44) Trichloroethene	6.549	130	60335	47.17	ug/l	94
45) 1,2-Dichloropropane	6.800	63	71904	51.87	ug/l	99
46) Dibromomethane	6.925	93	51513	53.60	ug/l	99
47) Bromodichloromethane	7.115	83	102115	53.07	ug/l	100
48) Methyl methacrylate	6.967	41	120543	55.90	ug/l	99
49) 1,4-Dioxane	6.973	88	47773	1032.37	ug/l	95
51) 4-Methyl-2-Pentanone	7.800	43	916938	251.34	ug/l	99
52) Toluene	7.977	92	156315	50.27	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	118266	49.23	ug/l	97
54) cis-1,3-Dichloropropene	7.613	75	116486	48.54	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	74468	56.14	ug/l	98
56) Ethyl methacrylate	8.340	69	128952	49.44	ug/l	99
57) 1,3-Dichloropropane	8.584	76	126602	54.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	242009	232.52	ug/l	99
59) 2-Hexanone	8.697	43	767918	254.60	ug/l	100
60) Dibromochloromethane	8.819	129	86716	49.87	ug/l	100
61) 1,2-Dibromoethane	8.931	107	83213	55.05	ug/l	99
64) Tetrachloroethene	8.562	164	52624	46.16	ug/l	98
65) Chlorobenzene	9.456	112	176999	49.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	72462	51.35	ug/l	100
67) Ethyl Benzene	9.578	91	314616	48.78	ug/l	100
68) m/p-Xylenes	9.703	106	237092	100.48	ug/l	100
69) o-Xylene	10.108	106	117019	51.16	ug/l	96
70) Styrene	10.121	104	210300	47.17	ug/l	98
71) Bromoform	10.301	173	80707	50.36	ug/l #	97
73) Isopropylbenzene	10.491	105	321312	46.49	ug/l	99
74) N-amyl acetate	10.330	43	225155	52.97	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.793	83	162158	52.22	ug/l	98
76) 1,2,3-Trichloropropane	10.835	75	148623m	47.97	ug/l	
77) Bromobenzene	10.790	156	92457	49.26	ug/l	99
78) n-propylbenzene	10.912	91	393875	46.94	ug/l	99
79) 2-Chlorotoluene	10.993	91	242757	47.82	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	297257	48.61	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	54248	49.25	ug/l	98
82) 4-Chlorotoluene	11.105	91	293598	48.59	ug/l	99
83) tert-Butylbenzene	11.430	119	291427	47.68	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	307054	48.51	ug/l	100
85) sec-Butylbenzene	11.652	105	335032	46.97	ug/l	99
86) p-Isopropyltoluene	11.803	119	316978	49.15	ug/l	99
87) 1,3-Dichlorobenzene	11.755	146	169193	48.10	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	173792	48.65	ug/l	99
89) n-Butylbenzene	12.218	91	296937	44.68	ug/l	99
90) Hexachloroethane	12.484	117	57814	44.40	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	174209	50.02	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	43941	49.58	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	112118	51.63	ug/l	99
94) Hexachlorobutadiene	14.031	225	55222	46.48	ug/l	99
95) Naphthalene	14.095	128	374227	48.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.340	180	112808	52.26	ug/l	99

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

