

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU043011.D
 Acq On : 09 Apr 2021 18:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 9:59:17 AM

Quant Time: Apr 10 05:09:11 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	123161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	195006	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	195126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	112685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	102451	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
35) Dibromofluoromethane	5.295	113	71163	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	7.906	98	259841	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	10.639	95	108724	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	64431	55.10	ug/l	97
3) Chloromethane	1.523	50	66895	48.44	ug/l	99
4) Vinyl Chloride	1.607	62	63582	48.73	ug/l	93
5) Bromomethane	1.838	94	39148	50.06	ug/l	97
6) Chloroethane	1.922	64	43270	44.81	ug/l	96
7) Trichlorofluoromethane	2.134	101	108767	48.20	ug/l	100
8) Diethyl Ether	2.378	74	36986	51.16	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	55726	48.04	ug/l	98
10) Methyl Iodide	2.726	142	76450	48.14	ug/l	100
11) Tert butyl alcohol	3.192	59	129570	236.70	ug/l	99
12) 1,1-Dichloroethene	2.581	96	52632	46.39	ug/l	97
13) Acrolein	2.488	56	29612	94.06	ug/l	97
14) Allyl chloride	2.928	41	127834	49.07	ug/l	99
15) Acrylonitrile	3.317	53	276082	254.64	ug/l	99
16) Acetone	2.626	43	272687	241.52	ug/l	98
17) Carbon Disulfide	2.796	76	136714	42.22	ug/l	100
18) Methyl Acetate	2.951	43	150678	58.53	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	227228	50.81	ug/l	99
20) Methylene Chloride	3.050	84	65935	45.62	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	59108	46.02	ug/l	98
22) Diisopropyl ether	3.999	45	268018	51.78	ug/l	97
23) Vinyl Acetate	3.960	43	1224459	246.51	ug/l	100
24) 1,1-Dichloroethane	3.877	63	127064	50.00	ug/l	99
25) 2-Butanone	4.706	43	455114	252.27	ug/l	99
26) 2,2-Dichloropropane	4.671	77	106325	46.90	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	72027	49.98	ug/l	97
28) Bromochloromethane	4.980	49	72433	54.45	ug/l #	98
29) Tetrahydrofuran	5.054	42	288335	249.71	ug/l	99
30) Chloroform	5.095	83	137386	50.10	ug/l	99
31) Cyclohexane	5.394	56	112906	46.53	ug/l	98
32) 1,1,1-Trichloroethane	5.324	97	120260	51.06	ug/l	99
36) 1,1-Dichloropropene	5.533	75	93494	48.82	ug/l	99
37) Ethyl Acetate	4.809	43	160000	48.53	ug/l	100
38) Carbon Tetrachloride	5.533	117	105304	49.92	ug/l	95
39) Methylcyclohexane	6.771	83	100606	47.66	ug/l	98
40) Benzene	5.780	78	273872	48.89	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	89827	51.18	ug/l	99
42) 1,2-Dichloroethane	5.803	62	123769	49.79	ug/l	99
43) Isopropyl Acetate	5.918	43	241472	50.44	ug/l	100
44) Trichloroethene	6.549	130	66605	46.05	ug/l	99
45) 1,2-Dichloropropane	6.800	63	77682	49.56	ug/l	98
46) Dibromomethane	6.925	93	54108	49.78	ug/l	100
47) Bromodichloromethane	7.111	83	110314	50.69	ug/l	100
48) Methyl methacrylate	6.967	41	125282	51.38	ug/l	99
49) 1,4-Dioxane	6.970	88	49000	938.20	ug/l	97
51) 4-Methyl-2-Pentanone	7.799	43	938083	228.29	ug/l	99
52) Toluene	7.976	92	177510	50.48	ug/l	99
53) t-1,3-Dichloropropene	8.217	75	123641	45.68	ug/l	96
54) cis-1,3-Dichloropropene	7.613	75	124407	45.93	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	78315	52.21	ug/l	99
56) Ethyl methacrylate	8.340	69	133251	45.40	ug/l	99
57) 1,3-Dichloropropane	8.581	76	134562	51.65	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.471	63	256497	218.95	ug/l	98
59) 2-Hexanone	8.693	43	782734	230.26	ug/l	99
60) Dibromochloromethane	8.819	129	91006	46.44	ug/l	100
61) 1,2-Dibromoethane	8.931	107	87632	51.27	ug/l	99
64) Tetrachloroethene	8.561	164	59435	46.72	ug/l	98
65) Chlorobenzene	9.452	112	193835	48.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	76919	48.86	ug/l	97
67) Ethyl Benzene	9.578	91	360615	50.11	ug/l	98
68) m/p-Xylenes	9.700	106	268813	102.11	ug/l	99
69) o-Xylene	10.108	106	131809	51.65	ug/l	98
70) Styrene	10.121	104	227339	45.75	ug/l	99
71) Bromoform	10.298	173	80561	45.33	ug/l #	99
73) Isopropylbenzene	10.491	105	366073	51.06	ug/l	100
74) N-amyl acetate	10.327	43	232588	52.75	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	162101	50.32	ug/l	99
76) 1,2,3-Trichloropropane	10.831	75	160598m	49.97	ug/l	
77) Bromobenzene	10.790	156	97674	50.17	ug/l	99
78) n-propylbenzene	10.912	91	441506	50.73	ug/l	99
79) 2-Chlorotoluene	10.992	91	262604	49.86	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	325142	51.26	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	52341	46.15	ug/l	99
82) 4-Chlorotoluene	11.105	91	312232	49.81	ug/l	99
83) tert-Butylbenzene	11.426	119	321953	50.78	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	332433	50.63	ug/l	100
85) sec-Butylbenzene	11.651	105	371407	50.19	ug/l	100
86) p-Isopropyltoluene	11.799	119	348688	52.12	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	178551	48.93	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	182086	49.13	ug/l	99
89) n-Butylbenzene	12.214	91	319996	46.35	ug/l	99
90) Hexachloroethane	12.484	117	64623	47.73	ug/l	98
91) 1,2-Dichlorobenzene	12.220	146	183773	50.86	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	44411	48.35	ug/l	99
93) 1,2,4-Trichlorobenzene	13.847	180	117126	51.99	ug/l	100
94) Hexachlorobutadiene	14.028	225	58709	47.64	ug/l	99
95) Naphthalene	14.095	128	388929	48.34	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	120198	53.68	ug/l	99

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

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