

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042409.D
 Acq On : 22 Feb 2021 20:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/23/2021 1:24:18 PM

Quant Time: Feb 23 01:06:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	158631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	246648	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	232333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	125337	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	128597	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
35) Dibromofluoromethane	5.298	113	91338	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
50) Toluene-d8	7.906	98	322969	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	10.639	95	125804	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	100857	52.72	ug/l	99
3) Chloromethane	1.523	50	94190	48.20	ug/l	98
4) Vinyl Chloride	1.607	62	94576	50.56	ug/l	100
5) Bromomethane	1.861	94	52643	45.68	ug/l	99
6) Chloroethane	1.932	64	55161	51.20	ug/l	100
7) Trichlorofluoromethane	2.141	101	148832	51.87	ug/l	99
8) Diethyl Ether	2.382	74	46537	51.00	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.588	101	75644	50.49	ug/l	99
10) Methyl Iodide	2.729	142	109958	51.39	ug/l	99
11) Tert butyl alcohol	3.221	59	154759m	301.12	ug/l	
12) 1,1-Dichloroethene	2.584	96	75537	51.66	ug/l	98
13) Acrolein	2.494	56	59780	200.49	ug/l	98
14) Allyl chloride	2.932	41	170115	52.52	ug/l	99
15) Acrylonitrile	3.324	53	321223	258.79	ug/l	99
16) Acetone	2.639	43	322526	216.14	ug/l	99
17) Carbon Disulfide	2.800	76	211934	48.18	ug/l	98
18) Methyl Acetate	2.954	43	156665	57.81	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	295969	53.45	ug/l	98
20) Methylene Chloride	3.054	84	86214	50.11	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	81287	51.85	ug/l	97
22) Diisopropyl ether	4.002	45	324778	52.80	ug/l	93
23) Vinyl Acetate	3.964	43	1566349	268.02	ug/l	99
24) 1,1-Dichloroethane	3.880	63	166729	52.24	ug/l	99
25) 2-Butanone	4.713	43	512823	258.47	ug/l	100
26) 2,2-Dichloropropane	4.674	77	142236	49.11	ug/l	100
27) cis-1,2-Dichloroethene	4.678	96	95544	52.62	ug/l	98
28) Bromochloromethane	4.983	49	87006	52.76	ug/l	99
29) Tetrahydrofuran	5.060	42	323837	262.57	ug/l	100
30) Chloroform	5.099	83	172978	53.29	ug/l	96
31) Cyclohexane	5.398	56	150659	47.82	ug/l	99
32) 1,1,1-Trichloroethane	5.324	97	156485	52.96	ug/l	100
36) 1,1-Dichloropropene	5.536	75	122505	50.23	ug/l	100
37) Ethyl Acetate	4.809	43	188356	49.68	ug/l	99
38) Carbon Tetrachloride	5.536	117	135214	51.87	ug/l	99
39) Methylcyclohexane	6.771	83	138748	49.19	ug/l	100
40) Benzene	5.784	78	349454	50.98	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	103590	53.02	ug/l	99
42) 1,2-Dichloroethane	5.803	62	154219	51.60	ug/l	99
43) Isopropyl Acetate	5.919	43	288018	51.69	ug/l	99
44) Trichloroethene	6.549	130	90334	49.47	ug/l	97
45) 1,2-Dichloropropane	6.800	63	97871	51.45	ug/l	98
46) Dibromomethane	6.925	93	69885	52.67	ug/l	99
47) Bromodichloromethane	7.115	83	138544	53.25	ug/l	99
48) Methyl methacrylate	6.967	41	148815	54.00	ug/l	98
49) 1,4-Dioxane	7.005	88	58884	1112.49	ug/l #	99
51) 4-Methyl-2-Pentanone	7.800	43	988429	262.10	ug/l	99
52) Toluene	7.976	92	217976	51.54	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	151786	53.10	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	156543	51.52	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	92063	52.43	ug/l	99
56) Ethyl methacrylate	8.340	69	157008	52.17	ug/l	99
57) 1,3-Dichloropropane	8.584	76	160458	52.28	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	312523	259.87	ug/l	100
59) 2-Hexanone	8.693	43	806910	267.80	ug/l	99
60) Dibromochloromethane	8.819	129	109275	53.35	ug/l	100
61) 1,2-Dibromoethane	8.931	107	105785	52.97	ug/l	98
64) Tetrachloroethene	8.562	164	79279	45.28	ug/l	99
65) Chlorobenzene	9.455	112	234895	50.51	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.542	131	94271	53.13	ug/l	98
67) Ethyl Benzene	9.578	91	432428	51.63	ug/l	99
68) m/p-Xylenes	9.700	106	318384	102.77	ug/l	100
69) o-Xylene	10.108	106	155665	51.36	ug/l	98
70) Styrene	10.121	104	262442	51.98	ug/l	100
71) Bromoform	10.298	173	93356	54.60	ug/l #	97
73) Isopropylbenzene	10.491	105	429880	51.41	ug/l	100
74) N-amyl acetate	10.327	43	266385	55.79	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	172075	54.14	ug/l	99
76) 1,2,3-Trichloropropane	10.835	75	163278m	52.69	ug/l	
77) Bromobenzene	10.790	156	115198	51.49	ug/l	98
78) n-propylbenzene	10.912	91	491837	50.82	ug/l	99
79) 2-Chlorotoluene	10.992	91	300016	50.69	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	371272	51.69	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	58340	51.18	ug/l	100
82) 4-Chlorotoluene	11.105	91	350928	50.95	ug/l	99
83) tert-Butylbenzene	11.430	119	370675	53.33	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	373170	51.92	ug/l	100
85) sec-Butylbenzene	11.651	105	418089	51.06	ug/l	100
86) p-Isopropyltoluene	11.799	119	385279	50.97	ug/l	100
87) 1,3-Dichlorobenzene	11.754	146	197913	51.21	ug/l	100
88) 1,4-Dichlorobenzene	11.844	146	201592	50.98	ug/l	98
89) n-Butylbenzene	12.214	91	334319	50.35	ug/l	99
90) Hexachloroethane	12.481	117	72033	53.74	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	205088	52.12	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	48727	55.92	ug/l	99
93) 1,2,4-Trichlorobenzene	13.848	180	135434	49.26	ug/l	99
94) Hexachlorobutadiene	14.031	225	67390	49.09	ug/l	98
95) Naphthalene	14.095	128	450627	53.50	ug/l	99
96) 1,2,3-Trichlorobenzene	14.339	180	136105	50.57	ug/l	100

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

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