

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051921\
 Data File : VU043823.D
 Acq On : 19 May 2021 13:05
 Operator : SY/MD
 Sample : M2250-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2021-06

Quant Time: May 20 03:29:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 20 03:28:54 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	431275	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	418164	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	208075	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	142594	39.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.86%
7) Chloroethane-d5	1.906	69	103127	40.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.32%
11) 1,1-Dichloroethene-d2	2.569	63	200114	32.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.84%
21) 2-Butanone-d5	4.630	46	256280	91.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.75%
24) Chloroform-d	5.070	84	279802	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
26) 1,2-Dichloroethane-d4	5.710	65	179239	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
32) Benzene-d6	5.736	84	588082	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
36) 1,2-Dichloropropane-d6	6.697	67	194460	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.22%
41) Toluene-d8	7.906	98	516453	46.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.62%
43) trans-1,3-Dichloroprop...	8.186	79	82228	46.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.06%
47) 2-Hexanone-d5	8.639	63	182847	94.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.46%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	293078	47.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.82%
66) 1,2-Dichlorobenzene-d4	12.202	152	217874	53.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.12%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	8221	2.26	ug/L	99
3) Chloromethane	1.520	50	10699	2.44	ug/L	97
5) Vinyl chloride	1.607	62	9701	2.27	ug/L #	73
6) Bromomethane	1.842	94	5241	2.52	ug/L	90
8) Chloroethane	1.926	64	4789	1.98	ug/L	93
9) Trichlorofluoromethane	2.138	101	10341	2.14	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	9327	2.95	ug/L #	82
12) 1,1-Dichloroethene	2.581	96	8559	2.75	ug/L #	1
13) Acetone	2.633	43	9561	4.90	ug/L	98
14) Carbon disulfide	2.797	76	21112	2.15	ug/L	99
15) Methyl Acetate	2.954	43	9779	2.21	ug/L	99
16) Methylene chloride	3.051	84	10135	2.17	ug/L	91
17) trans-1,2-Dichloroethene	3.360	96	7496	2.33	ug/L	90
18) Methyl tert-butyl Ether	3.372	73	20448	2.09	ug/L	99
19) 1,1-Dichloroethane	3.874	63	14102	2.24	ug/L	96
20) cis-1,2-Dichloroethene	4.675	96	8313	2.34	ug/L	81
22) 2-Butanone	4.713	43	12858	4.01	ug/L	99
23) Bromochloromethane	4.980	128	4475	2.32	ug/L #	88
25) Chloroform	5.096	83	16000	2.59	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	11179	2.35	ug/L	98
29) Cyclohexane	5.395	56	10230	1.84	ug/L	89
30) 1,1,1-Trichloroethane	5.321	97	11437	2.27	ug/L	97
31) Carbon tetrachloride	5.533	117	9270	2.24	ug/L	99
33) Benzene	5.781	78	31465	2.23	ug/L	100
34) Trichloroethene	6.549	95	7954	2.31	ug/L	96
35) Methylcyclohexane	6.771	83	11058	2.03	ug/L	97
37) 1,2-Dichloropropane	6.797	63	8886	2.30	ug/L	98
38) Bromodichloromethane	7.112	83	9838	2.15	ug/L	91
39) cis-1,3-Dichloropropene	7.617	75	11542	2.19	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	21874	3.76	ug/L	99
42) Toluene	7.977	91	39506	2.67	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	11586	2.34	ug/L	93
45) 1,1,2-Trichloroethane	8.408	97	8645	2.43	ug/L	97
46) Tetrachloroethene	8.559	164	6322	2.34	ug/L	97
48) 2-Hexanone	8.691	43	24821	5.32	ug/L	97
49) Dibromochloromethane	8.816	129	8193	2.25	ug/L	94
50) 1,2-Dibromoethane	8.932	107	8651	2.34	ug/L	97
51) Chlorobenzene	9.453	112	20354	2.22	ug/L	98
52) Ethylbenzene	9.578	91	31376	2.06	ug/L	95
53) m,p-Xylene	9.700	106	11039	1.91	ug/L	93
54) o-xylene	10.108	106	10843	1.90	ug/L	84
55) Styrene	10.121	104	17012	1.77	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	14902	2.30	ug/L #	97
59) Bromoform	10.298	173	6089	2.24	ug/L #	93
60) 1,2,3-Trichloropropane	10.832	75	11890	2.45	ug/L	98
61) Isopropylbenzene	10.491	105	25538	1.88	ug/L	99
62) 1,3,5-Trimethylbenzene	11.096	105	19252	1.71	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	19128	1.69	ug/L	97
64) 1,3-Dichlorobenzene	11.755	146	14763	2.23	ug/L	93
65) 1,4-Dichlorobenzene	11.842	146	15917	2.36	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	17755	2.58	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.005	75	3040	2.29	ug/L	81
69) 1,3,5-Trichlorobenzene	13.227	180	11587	2.37	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	10122	2.42	ug/L	91
71) Naphthalene	14.095	128	25928	1.86	ug/L	99
72) 1,2,3-Trichlorobenzene	14.337	180	9906	2.25	ug/L	96

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

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