

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022321\
 Data File : VU042414.D
 Acq On : 23 Feb 2021 12:23
 Operator : SY/MD
 Sample : M1344-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2021-03

Quant Time: Feb 24 03:52:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 03:51:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	208406	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	193596	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	97819	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	71829	45.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.60%
7) Chloroethane-d5	1.916	69	59343	55.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.34%
11) 1,1-Dichloroethene-d2	2.572	63	124908	37.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.64%
21) 2-Butanone-d5	4.636	46	160884	99.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.14%
24) Chloroform-d	5.073	84	154801	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	5.713	65	114232	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
32) Benzene-d6	5.735	84	282734	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.54%
36) 1,2-Dichloropropane-d6	6.700	67	95312	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.46%
41) Toluene-d8	7.906	98	263668	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%
43) trans-1,3-Dichloroprop...	8.185	79	48789	49.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.90%
47) 2-Hexanone-d5	8.642	63	104717	98.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.57%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	133800	47.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.68%
66) 1,2-Dichlorobenzene-d4	12.201	152	104232	50.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.64%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	3806	2.18	ug/L	97
3) Chloromethane	1.523	50	3982	2.50	ug/L	97
5) Vinyl chloride	1.607	62	4016	2.54	ug/L #	63
6) Bromomethane	1.864	94	2484	2.81	ug/L	99
8) Chloroethane	1.935	64	2495	2.87	ug/L	92
9) Trichlorofluoromethane	2.141	101	6099	2.50	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	3973	2.72	ug/L #	83
12) 1,1-Dichloroethene	2.584	96	3838	2.87	ug/L #	1
13) Acetone	2.646	43	6165	4.21	ug/L	91
14) Carbon disulfide	2.800	76	9033	2.24	ug/L #	93
15) Methyl Acetate	2.961	43	5472	2.43	ug/L #	90
16) Methylene chloride	3.057	84	4052	2.68	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	3153	2.26	ug/L	91
18) Methyl tert-butyl Ether	3.375	73	11854	2.36	ug/L #	91
19) 1,1-Dichloroethane	3.880	63	6807	2.36	ug/L	97
20) cis-1,2-Dichloroethene	4.678	96	3663	2.34	ug/L	82
22) 2-Butanone	4.719	43	7051	3.71	ug/L	95
23) Bromochloromethane	4.989	128	1917	2.30	ug/L	91
25) Chloroform	5.096	83	7302	2.49	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	5913	2.28	ug/L	97
29) Cyclohexane	5.395	56	5826	2.26	ug/L	97
30) 1,1,1-Trichloroethane	5.327	97	6032	2.28	ug/L	98
31) Carbon tetrachloride	5.533	117	4847	2.13	ug/L	96
33) Benzene	5.780	78	14439	2.44	ug/L	100
34) Trichloroethene	6.549	95	3763	2.43	ug/L	97
35) Methylcyclohexane	6.774	83	5685	2.38	ug/L	94
37) 1,2-Dichloropropane	6.800	63	4214	2.54	ug/L #	89
38) Bromodichloromethane	7.112	83	5162	2.32	ug/L	96
39) cis-1,3-Dichloropropene	7.613	75	5566	2.16	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	15192	4.64	ug/L	96
42) Toluene	7.976	91	15037	2.38	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	6552	2.58	ug/L	91
45) 1,1,2-Trichloroethane	8.414	97	3672	2.42	ug/L	96
46) Tetrachloroethene	8.562	164	2606	2.13	ug/L	93
48) 2-Hexanone	8.693	43	13140	4.96	ug/L	97
49) Dibromochloromethane	8.819	129	3811	2.15	ug/L	98
50) 1,2-Dibromoethane	8.931	107	3901	2.29	ug/L #	93
51) Chlorobenzene	9.452	112	9535	2.38	ug/L	97
52) Ethylbenzene	9.578	91	16559	2.35	ug/L	97
53) m,p-Xylene	9.703	106	5796	2.21	ug/L	88
54) o-xylene	10.108	106	6058	2.32	ug/L	88
55) Styrene	10.121	104	8756	1.96	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.790	83	6530	2.36	ug/L	96
59) Bromoform	10.301	173	3133	2.28	ug/L #	87
60) 1,2,3-Trichloropropane	10.832	75	5578	2.59	ug/L	97
61) Isopropylbenzene	10.491	105	15673	2.41	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	12340	2.19	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	12570	2.21	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	7092	2.31	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	7129	2.28	ug/L	96
67) 1,2-Dichlorobenzene	12.221	146	8056	2.55	ug/L	89
68) 1,2-Dibromo-3-chloropr...	13.008	75	1566	2.18	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.227	180	4828	2.04	ug/L	96
70) 1,2,4-trichlorobenzene	13.848	180	4030	2.03	ug/L	99
71) Naphthalene	14.098	128	11091	1.77	ug/L	97
72) 1,2,3-Trichlorobenzene	14.336	180	4053	2.01	ug/L	95

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

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