

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101121\
 Data File : VU045279.D
 Acq On : 11 Oct 2021 13:42
 Operator : SY/MD
 Sample : M3263-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Quant Time: Oct 12 05:51:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 12 05:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	277854	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	265704	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	122666	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	132274	43.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.98%
7) Chloroethane-d5	1.896	69	110343	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.56%
11) 1,1-Dichloroethene-d2	2.562	63	172768	33.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.64%
21) 2-Butanone-d5	4.626	46	213050	88.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.60%
24) Chloroform-d	5.066	84	219817	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
26) 1,2-Dichloroethane-d4	5.706	65	153391	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
32) Benzene-d6	5.732	84	461245	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.06%
36) 1,2-Dichloropropane-d6	6.697	67	149033	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.14%
41) Toluene-d8	7.902	98	400514	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%
43) trans-1,3-Dichloroprop...	8.182	79	68605	51.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.60%
47) 2-Hexanone-d5	8.635	63	147544	88.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.56%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	223515	47.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.50%
66) 1,2-Dichlorobenzene-d4	12.198	152	142753	53.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.94%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	6674	2.51	ug/L	98
3) Chloromethane	1.523	50	8376	2.53	ug/L	99
5) Vinyl chloride	1.604	62	8283	2.55	ug/L #	10
6) Bromomethane	1.835	94	4180	2.68	ug/L	99
8) Chloroethane	1.919	64	4826	2.37	ug/L	87
9) Trichlorofluoromethane	2.131	101	9257	2.49	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	6992	2.98	ug/L	87
12) 1,1-Dichloroethene	2.578	96	6631	3.08	ug/L #	1
13) Acetone	2.632	43	11561	4.16	ug/L	98
14) Carbon disulfide	2.790	76	16268	2.36	ug/L	97
15) Methyl Acetate	2.954	43	8857	2.58	ug/L	96
16) Methylene chloride	3.047	84	8913	3.27	ug/L	96
17) trans-1,2-Dichloroethene	3.353	96	5751	2.54	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	19810	2.65	ug/L	98
19) 1,1-Dichloroethane	3.874	63	11793	2.50	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	6536	2.62	ug/L	90
22) 2-Butanone	4.713	43	12901	4.15	ug/L	99
23) Bromochloromethane	4.976	128	3008	2.38	ug/L	97
25) Chloroform	5.092	83	15341	3.27	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	10287	2.62	ug/L	99
29) Cyclohexane	5.391	56	9913	2.48	ug/L #	92
30) 1,1,1-Trichloroethane	5.320	97	9086	2.47	ug/L	99
31) Carbon tetrachloride	5.526	117	7192	2.48	ug/L	92
33) Benzene	5.777	78	25460	2.58	ug/L	100
34) Trichloroethene	6.545	95	6035	2.55	ug/L	93
35) Methylcyclohexane	6.767	83	10032	2.53	ug/L	97
37) 1,2-Dichloropropane	6.796	63	7120	2.65	ug/L #	96
38) Bromodichloromethane	7.108	83	8334	2.53	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	9949	2.59	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	21018	4.69	ug/L	99
42) Toluene	7.973	91	32797	3.28	ug/L	96
44) trans-1,3-Dichloropropene	8.214	75	9897	2.71	ug/L	92
45) 1,1,2-Trichloroethane	8.407	97	6455	2.65	ug/L	98
46) Tetrachloroethene	8.555	164	4380	2.59	ug/L	90
48) 2-Hexanone	8.690	43	22539	5.67	ug/L	99
49) Dibromochloromethane	8.815	129	6200	2.58	ug/L	93
50) 1,2-Dibromoethane	8.928	107	6793	2.67	ug/L	94
51) Chlorobenzene	9.452	112	16696	2.70	ug/L	96
52) Ethylbenzene	9.574	91	27429	2.59	ug/L	100
53) m,p-Xylene	9.696	106	10358	2.58	ug/L	98
54) o-xylene	10.105	106	10074	2.56	ug/L	98
55) Styrene	10.118	104	15677	2.32	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.786	83	12546	2.69	ug/L #	97
59) Bromoform	10.295	173	3755	2.47	ug/L #	89
60) 1,2,3-Trichloropropane	10.825	75	10035	2.96	ug/L	97
61) Isopropylbenzene	10.487	105	24707	2.75	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	19592	2.61	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	19746	2.57	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	11460	2.76	ug/L	94
65) 1,4-Dichlorobenzene	11.841	146	12166	2.86	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	12377	2.91	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.002	75	2411	2.47	ug/L	88
69) 1,3,5-Trichlorobenzene	13.224	180	7585	2.63	ug/L	98
70) 1,2,4-trichlorobenzene	13.847	180	6074	2.54	ug/L	97
71) Naphthalene	14.092	128	19610	2.37	ug/L	97
72) 1,2,3-Trichlorobenzene	14.333	180	6053	2.47	ug/L	95

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

