

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
 Data File : VU050454.D
 Acq On : 26 Aug 2022 14:02
 Operator : SY/MD
 Sample : N4015-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2022-05

Quant Time: Aug 27 04:57:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 27 02:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	317685	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	314354	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	118351	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	167530	44.598	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.200%		
7) Chloroethane-d5	1.900	69	135090	48.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.200%		
11) 1,1-Dichloroethene-d2	2.562	63	192991	36.354	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.700%		
21) 2-Butanone-d5	4.620	46	231399	94.114	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.110%		
24) Chloroform-d	5.063	84	266185	44.143	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.280%		
26) 1,2-Dichloroethane-d4	5.700	65	172028	45.903	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.800%		
32) Benzene-d6	5.726	84	552894	47.601	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.200%		
36) 1,2-Dichloropropane-d6	6.690	67	179253	46.585	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.160%		
41) Toluene-d8	7.899	98	447489	44.029	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.060%		
43) trans-1,3-Dichloroprop...	8.179	79	70849	44.140	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.280%		
47) 2-Hexanone-d5	8.632	63	127970	89.617	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.620%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	269322	45.379	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.760%		
66) 1,2-Dichlorobenzene-d4	12.192	152	145876	51.598	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	4342	1.749	ug/L	97
3) Chloromethane	1.520	50	8707	3.013	ug/L	99
5) Vinyl chloride	1.601	62	6213	2.198	ug/L #	48
6) Bromomethane	1.838	94	2796	2.676	ug/L	83
8) Chloroethane	1.922	64	3877	2.258	ug/L	99
9) Trichlorofluoromethane	2.131	101	6911	1.922	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	5909	2.681	ug/L #	73
12) 1,1-Dichloroethene	2.575	96	5272	2.705	ug/L #	1
13) Acetone	2.626	43	6963	4.307	ug/L	98
14) Carbon disulfide	2.787	76	9451	1.900	ug/L	98
15) Methyl Acetate	2.951	43	6044	2.078	ug/L #	86
16) Methylene chloride	3.041	84	7600	2.798	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	4016	1.960	ug/L	88
18) Methyl tert-butyl Ether	3.366	73	13820	2.131	ug/L	99
19) 1,1-Dichloroethane	3.867	63	9081	2.046	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	5379	2.193	ug/L	90
22) 2-Butanone	4.716	43	10533	4.808	ug/L	98
23) Bromochloromethane	4.973	128	2586	1.930	ug/L	96
25) Chloroform	5.089	83	12505	2.645	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
 Data File : VU050454.D
 Acq On : 26 Aug 2022 14:02
 Operator : SY/MD
 Sample : N4015-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2022-05

Quant Time: Aug 27 04:57:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 27 02:44:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	7728	2.191	ug/L	96
29) Cyclohexane	5.388	56	4884	1.689	ug/L #	88
30) 1,1,1-Trichloroethane	5.317	97	7427	2.065	ug/L	99
31) Carbon tetrachloride	5.523	117	5461	1.850	ug/L	99
33) Benzene	5.774	78	20365	2.140	ug/L	100
34) Trichloroethene	6.542	95	4725	2.097	ug/L	94
35) Methylcyclohexane	6.758	83	5718	1.815	ug/L	90
37) 1,2-Dichloropropane	6.790	63	6224	2.251	ug/L #	94
38) Bromodichloromethane	7.105	83	6813	1.932	ug/L	88
39) cis-1,3-Dichloropropene	7.610	75	7056	1.944	ug/L	90
40) 4-Methyl-2-pentanone	7.793	43	14425	3.926	ug/L	95
42) Toluene	7.970	91	19965	2.082	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	6366	1.881	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	6162	2.265	ug/L	97
46) Tetrachloroethene	8.555	164	3211	1.941	ug/L	91
48) 2-Hexanone	8.684	43	24667	8.040	ug/L	99
49) Dibromochloromethane	8.809	129	5621	1.995	ug/L	98
50) 1,2-Dibromoethane	8.922	107	5834	2.146	ug/L #	98
51) Chlorobenzene	9.446	112	13418	2.132	ug/L	96
52) Ethylbenzene	9.571	91	17865	1.848	ug/L	90
53) m,p-Xylene	9.693	106	5628	1.559	ug/L	99
54) o-Xylene	10.099	106	6086	1.697	ug/L	79
55) Styrene	10.118	104	9272	1.520	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.783	83	11377	2.289	ug/L #	95
59) Bromoform	10.292	173	3843	2.268	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	7864	2.578	ug/L	99
61) Isopropylbenzene	10.484	105	14038	1.918	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	10583	1.790	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	9743	1.690	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	7349	2.053	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	7635	2.118	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	9622	2.556	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.992	75	1987	2.451	ug/L	85
69) 1,3,5-Trichlorobenzene	13.221	180	4483	1.817	ug/L	94
70) 1,2,4-trichlorobenzene	13.844	180	3465	1.754	ug/L	99
71) Naphthalene	14.092	128	9365	1.445	ug/L #	96
72) 1,2,3-Trichlorobenzene	14.336	180	3589	1.662	ug/L	98

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

