

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082721\
 Data File : VW021983.D
 Acq On : 27 Aug 2021 18:05
 Operator : SY/MD
 Sample : M3549-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW7A1MS

Quant Time: Aug 28 02:42:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 28 02:34:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	374716	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	362496	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	199071	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	120164	46.307	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.620%		
7) Chloroethane-d5	1.564	69	96013	47.379	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.760%		
11) 1,1-Dichloroethene-d2	2.108	63	210716	49.100	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.200%		
21) 2-Butanone-d5	3.876	46	181127	101.776	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.780%		
24) Chloroform-d	4.352	84	233404	49.328	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.660%		
26) 1,2-Dichloroethane-d4	5.034	65	136236	48.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.760%		
32) Benzene-d6	5.050	84	468320	47.632	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.260%		
36) 1,2-Dichloropropane-d6	6.072	67	147078	47.566	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.140%		
41) Toluene-d8	7.316	98	441969	47.619	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.240%		
43) trans-1,3-Dichloroprop...	7.622	79	70295	47.764	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.520%		
47) 2-Hexanone-d5	8.088	63	131832	111.118	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.120%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	211553	53.421	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.840%		
66) 1,2-Dichlorobenzene-d4	11.625	152	180183	46.041	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.080%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	121704	47.250	ug/L	99
3) Chloromethane	1.240	50	129185	47.365	ug/L	100
5) Vinyl chloride	1.310	62	130975	47.644	ug/L	99
6) Bromomethane	1.516	94	76844	46.494	ug/L	100
8) Chloroethane	1.580	64	77145	44.859	ug/L	96
9) Trichlorofluoromethane	1.751	101	193356	49.392	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	111989	48.773	ug/L	99
12) 1,1-Dichloroethene	2.117	96	108708	50.295	ug/L	87
13) Acetone	2.159	43	111477	74.760	ug/L #	74
14) Carbon disulfide	2.291	76	312232	47.874	ug/L	100
15) Methyl Acetate	2.426	43	132467	45.618	ug/L	98
16) Methylene chloride	2.506	84	140620	48.559	ug/L	99
17) trans-1,2-Dichloroethene	2.760	96	127132	48.646	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	407249	49.039	ug/L	98
19) 1,1-Dichloroethane	3.188	63	227498	48.876	ug/L	98
20) cis-1,2-Dichloroethene	3.911	96	142266	48.910	ug/L	98
22) 2-Butanone	3.960	43	190434	90.855	ug/L	96
23) Bromochloromethane	4.249	128	74236	47.924	ug/L	99
25) Chloroform	4.378	83	235376	47.771	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	165787	50.195	ug/L	99
29) Cyclohexane	4.680	56	194342	47.960	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	206751	47.989	ug/L	99
31) Carbon tetrachloride	4.828	117	174729	47.205	ug/L	99
33) Benzene	5.101	78	513574	48.696	ug/L	100
34) Trichloroethene	5.918	95	131381	43.978	ug/L	97
35) Methylcyclohexane	6.133	83	221810	50.789	ug/L	94
37) 1,2-Dichloropropane	6.175	63	131118	47.961	ug/L	99
38) Bromodichloromethane	6.513	83	169471	48.474	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	203335	48.174	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	375984	101.445	ug/L	99
42) Toluene	7.390	91	554713	48.733	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	189136	48.146	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	134884	48.490	ug/L	99
46) Tetrachloroethene	7.979	164	107645	46.341	ug/L	99
48) 2-Hexanone	8.140	43	280892	97.678	ug/L	99
49) Dibromochloromethane	8.249	129	144926	48.673	ug/L	100
50) 1,2-Dibromoethane	8.355	107	147024	49.248	ug/L	100
51) Chlorobenzene	8.882	112	359032	46.913	ug/L	99
52) Ethylbenzene	9.014	91	591076	47.969	ug/L	100
53) m,p-Xylene	9.140	106	230741	48.178	ug/L	100
54) o-Xylene	9.545	106	230026	48.541	ug/L	97
55) Styrene	9.561	104	397578	49.162	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	228668	56.737	ug/L	100
59) Bromoform	9.734	173	103413	48.910	ug/L	100
60) Isopropylbenzene	9.934	105	601596	48.094	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	169505	49.129	ug/L	100
62) 1,3,5-Trimethylbenzene	10.541	105	502560	47.856	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	513824	48.138	ug/L	100
64) 1,3-Dichlorobenzene	11.184	146	295756	46.568	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	296546	45.630	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	296791	47.064	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	42355	50.937	ug/L	97
69) 1,3,5-Trichlorobenzene	12.647	180	217071	45.709	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	194186	46.483	ug/L	100
71) Naphthalene	13.503	128	627613	52.226	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	194221	47.665	ug/L	98

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

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