

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
 Data File : VV022106.D
 Acq On : 07 Sep 2021 16:36
 Operator : SY/MD
 Sample : M3651-08MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKM3MS

Quant Time: Sep 08 01:18:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 08 01:14:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	353916	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	331531	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	171639	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84838	34.615	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.220%		
7) Chloroethane-d5	1.564	69	72929	38.103	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.200%		
11) 1,1-Dichloroethene-d2	2.105	63	163475	40.331	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.660%		
21) 2-Butanone-d5	3.899	46	171138	101.815	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.810%		
24) Chloroform-d	4.352	84	189798	42.470	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.940%		
26) 1,2-Dichloroethane-d4	5.034	65	114996	43.686	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.380%		
32) Benzene-d6	5.050	84	371976	41.366	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.740%		
36) 1,2-Dichloropropane-d6	6.072	67	119992	42.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.860%		
41) Toluene-d8	7.317	98	339091	39.947	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.900%#		
43) trans-1,3-Dichloroprop...	7.622	79	54325	40.361	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.720%		
47) 2-Hexanone-d5	8.091	63	115434	106.384	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.380%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	174368	48.144	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.280%		
66) 1,2-Dichlorobenzene-d4	11.625	152	140062	41.509	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.020%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	77104	31.694	ug/L	100
3) Chloromethane	1.240	50	81303	31.561	ug/L	97
5) Vinyl chloride	1.307	62	88385	34.041	ug/L	98
6) Bromomethane	1.519	94	56552	36.227	ug/L	98
8) Chloroethane	1.584	64	56787	34.962	ug/L	99
9) Trichlorofluoromethane	1.751	101	132418	35.814	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	82062	37.840	ug/L	100
12) 1,1-Dichloroethene	2.114	96	77479	37.953	ug/L	97
13) Acetone	2.191	43	98382	69.856	ug/L #	73
14) Carbon disulfide	2.291	76	197039	31.987	ug/L	98
15) Methyl Acetate	2.436	43	107840	39.319	ug/L	100
16) Methylene chloride	2.506	84	99379	36.334	ug/L	96
17) trans-1,2-Dichloroethene	2.760	96	88520	35.862	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	306092	39.024	ug/L	99
19) 1,1-Dichloroethane	3.191	63	169404	38.534	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	104397	38.001	ug/L	96
22) 2-Butanone	3.982	43	143476	72.475	ug/L	97
23) Bromochloromethane	4.252	128	55615	38.013	ug/L	96
25) Chloroform	4.378	83	178528	38.362	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	125281	40.160	ug/L	100
29) Cyclohexane	4.680	56	133293	35.966	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	152364	38.669	ug/L	99
31) Carbon tetrachloride	4.831	117	126347	37.322	ug/L	99
33) Benzene	5.101	78	375303	38.909	ug/L	100
34) Trichloroethene	5.915	95	99685	36.485	ug/L	99
35) Methylcyclohexane	6.133	83	138981	34.796	ug/L	98
37) 1,2-Dichloropropane	6.175	63	99987	39.990	ug/L	100
38) Bromodichloromethane	6.513	83	124498	38.936	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	150912	39.093	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	293605	86.617	ug/L	99
42) Toluene	7.391	91	405222	38.925	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	139663	38.873	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	101022	39.709	ug/L	98
46) Tetrachloroethene	7.979	164	75998	35.773	ug/L	100
48) 2-Hexanone	8.143	43	225336	85.678	ug/L	97
49) Dibromochloromethane	8.249	129	107003	39.293	ug/L	99
50) 1,2-Dibromoethane	8.355	107	107006	39.191	ug/L	100
51) Chlorobenzene	8.882	112	263684	37.673	ug/L	99
52) Ethylbenzene	9.014	91	422604	37.500	ug/L	100
53) m,p-Xylene	9.140	106	163286	37.278	ug/L	98
54) o-Xylene	9.545	106	165554	38.199	ug/L	99
55) Styrene	9.564	104	283753	38.364	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	156676	42.505	ug/L	97
59) Bromoform	9.734	173	72350	39.688	ug/L	99
60) Isopropylbenzene	9.934	105	429854	39.857	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	126976	42.685	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	357918	39.530	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	360784	39.203	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	203390	37.143	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	206162	36.793	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	213126	39.198	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	30170	42.082	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	145925	35.639	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	127839	35.492	ug/L	99
71) Naphthalene	13.503	128	660166	63.715	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	137567	39.157	ug/L	99

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

