

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
 Data File : VV021812.D
 Acq On : 17 Aug 2021 13:19
 Operator : SY/MD
 Sample : M3364-21MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKC7MS

Quant Time: Aug 18 02:08:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 02:05:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	445524	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	417883	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	215073	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	151269	43.431	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.860%		
7) Chloroethane-d5	1.558	69	117938	44.872	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.740%		
11) 1,1-Dichloroethene-d2	2.105	63	236570	42.670	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.340%		
21) 2-Butanone-d5	3.876	46	212664	98.175	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.170%		
24) Chloroform-d	4.349	84	287198	47.594	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.180%		
26) 1,2-Dichloroethane-d4	5.034	65	168412	48.519	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.040%		
32) Benzene-d6	5.050	84	576375	47.964	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.920%		
36) 1,2-Dichloropropane-d6	6.072	67	181724	48.561	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.120%		
41) Toluene-d8	7.317	98	531179	47.824	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.640%		
43) trans-1,3-Dichloroprop...	7.625	79	78812	42.793	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.580%		
47) 2-Hexanone-d5	8.088	63	131970	107.600	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.600%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	247711	53.416	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.840%		
66) 1,2-Dichlorobenzene-d4	11.625	152	213965	48.071	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.127	85	152240	44.169	ug/L	99
3) Chloromethane	1.243	50	168571	47.093	ug/L	99
5) Vinyl chloride	1.307	62	163579	46.409	ug/L	99
6) Bromomethane	1.507	94	102360	48.315	ug/L	99
8) Chloroethane	1.577	64	99955	47.456	ug/L	98
9) Trichlorofluoromethane	1.748	101	223391	46.257	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	113193	40.938	ug/L	98
12) 1,1-Dichloroethene	2.114	96	118036	44.819	ug/L	98
13) Acetone	2.159	43	121076	67.929	ug/L #	100
14) Carbon disulfide	2.291	76	420868	47.495	ug/L	100
15) Methyl Acetate	2.426	43	100716	30.758	ug/L	100
16) Methylene chloride	2.503	84	166296	45.396	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	154278	49.922	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	493850	51.961	ug/L	99
19) 1,1-Dichloroethane	3.188	63	275933	50.159	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	169326	47.317	ug/L	96
22) 2-Butanone	3.957	43	231894	89.336	ug/L	99
23) Bromochloromethane	4.249	128	90824	47.837	ug/L	98
25) Chloroform	4.375	83	281898	47.624	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	204303	48.987	ug/L	99
29) Cyclohexane	4.680	56	241516	46.927	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	245958	47.037	ug/L	99
31) Carbon tetrachloride	4.828	117	215026	47.524	ug/L	98
33) Benzene	5.101	78	629211	48.930	ug/L	100
34) Trichloroethene	5.915	95	163596	44.270	ug/L	98
35) Methylcyclohexane	6.133	83	235286	43.642	ug/L	99
37) 1,2-Dichloropropane	6.175	63	160851	49.399	ug/L	100
38) Bromodichloromethane	6.513	83	206986	48.230	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	231472	44.893	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	454483	101.468	ug/L	99
42) Toluene	7.391	91	667904	48.630	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	215971	44.447	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	160510	49.208	ug/L	99
46) Tetrachloroethene	7.979	164	125125	45.560	ug/L	98
48) 2-Hexanone	8.140	43	338459	97.551	ug/L	98
49) Dibromochloromethane	8.249	129	177222	49.208	ug/L	99
50) 1,2-Dibromoethane	8.355	107	173501	48.878	ug/L	99
51) Chlorobenzene	8.883	112	428789	47.817	ug/L	100
52) Ethylbenzene	9.014	91	703209	47.992	ug/L	99
53) m,p-Xylene	9.140	106	272331	47.956	ug/L	99
54) o-Xylene	9.545	106	273180	48.531	ug/L	97
55) Styrene	9.561	104	462627	49.079	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	249097	54.856	ug/L	98
59) Bromoform	9.731	173	128792	50.374	ug/L	99
60) Isopropylbenzene	9.934	105	706361	48.988	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	201085	50.593	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	589456	48.715	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	596440	48.479	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	330686	47.357	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	325755	46.736	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	337287	47.882	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	50515	52.274	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	223647	44.185	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	194155	45.736	ug/L	100
71) Naphthalene	13.503	128	672503	54.537	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	203963	47.828	ug/L	99

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

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