

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062123\
 Data File : VW031608.D
 Acq On : 21 Jun 2023 16:14
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050379

Quant Time: Jun 22 02:16:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 22 02:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	241061	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	242326	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	150959	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	77211	48.126	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.260%
7) Chloroethane-d5	1.535	69	68028	48.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.063	65	37666	45.554	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.100%
21) 2-Butanone-d5	3.799	46	102306	78.753	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.750%
24) Chloroform-d	4.259	84	173391	43.154	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.300%
26) 1,2-Dichloroethane-d4	4.947	65	106402	42.326	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.660%
32) Benzene-d6	4.969	84	320909	47.048	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.100%
36) 1,2-Dichloropropane-d6	5.995	67	102070	42.220	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.440%
41) Toluene-d8	7.249	98	303631	48.509	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.020%
43) trans-1,3-Dichloroprop...	7.558	79	51043	43.310	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.620%
47) 2-Hexanone-d5	8.030	63	78245	81.972	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.970%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	151571	41.537	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.080%
66) 1,2-Dichlorobenzene-d4	11.567	152	119635	41.575	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	106700	41.729	ug/L	99
3) Chloromethane	1.217	50	92812	38.467	ug/L	97
5) Vinyl chloride	1.288	62	96949	40.534	ug/L	99
6) Bromomethane	1.490	94	66434	42.616	ug/L	100
8) Chloroethane	1.552	64	63296	40.974	ug/L	99
9) Trichlorofluoromethane	1.719	101	176532	44.365	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	97579	45.760	ug/L	98
12) 1,1-Dichloroethene	2.076	96	80183	44.954	ug/L	93
13) Acetone	2.121	43	101798	79.413	ug/L	100
14) Carbon disulfide	2.246	76	237375	43.996	ug/L	99
15) Methyl Acetate	2.378	43	94828	43.938	ug/L	97
16) Methylene chloride	2.455	84	107225	47.949	ug/L	92
17) trans-1,2-Dichloroethene	2.699	96	86637	46.532	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	283136	45.575	ug/L	99
19) 1,1-Dichloroethane	3.121	63	179158	44.584	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	93858	46.647	ug/L	96
22) 2-Butanone	3.879	43	135600	84.677	ug/L	98
23) Bromochloromethane	4.156	128	53238	48.948	ug/L	92
25) Chloroform	4.285	83	196058	46.934	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	144741	44.895	ug/L	96
29) Cyclohexane	4.593	56	133304	42.282	ug/L	96
30) 1,1,1-Trichloroethane	4.523	97	176778	45.500	ug/L	98
31) Carbon tetrachloride	4.744	117	157550	45.767	ug/L	97
33) Benzene	5.018	78	370821	45.962	ug/L	100
34) Trichloroethene	5.838	95	97829	45.378	ug/L	99
35) Methylcyclohexane	6.059	83	142782	44.948	ug/L	98
37) 1,2-Dichloropropane	6.101	63	109991	46.427	ug/L	99
38) Bromodichloromethane	6.439	83	142971	44.647	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	158713	45.130	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	253684	91.193	ug/L	97
42) Toluene	7.323	91	404871	48.400	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	157271	45.922	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	103936	46.442	ug/L	98
46) Tetrachloroethene	7.911	164	81315	48.057	ug/L	98
48) 2-Hexanone	8.082	43	207562	93.423	ug/L	99
49) Dibromochloromethane	8.182	129	119046	47.861	ug/L	98
50) 1,2-Dibromoethane	8.288	107	114052	47.861	ug/L	99
51) Chlorobenzene	8.818	112	258961	46.742	ug/L	97
52) Ethylbenzene	8.953	91	436882	46.805	ug/L	100
53) m,p-Xylene	9.079	106	165906	48.535	ug/L	98
54) o-Xylene	9.484	106	156519	48.251	ug/L	98
55) Styrene	9.500	104	295492	51.006	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	169124	46.250	ug/L	99
59) Bromoform	9.670	173	94132	50.305	ug/L #	99
60) Isopropylbenzene	9.873	105	438874	45.602	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	131170	43.992	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	361126	45.401	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	338454	45.667	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	224486	46.525	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	235418	45.787	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	228287	46.877	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	38227	43.196	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	167855	45.656	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	144023	44.691	ug/L	99
71) Naphthalene	13.445	128	357547	43.802	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	151133	45.130	ug/L	96

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

