

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061323\
 Data File : VW031510.D
 Acq On : 13 Jun 2023 15:13
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050370

Quant Time: Jun 13 23:49:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 13 23:48:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	228161	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	229467	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	143634	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	92099	45.879	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.760%
7) Chloroethane-d5	1.532	69	82459	50.736	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.480%
11) 1,1-Dichloroethene-d2	2.063	65	46808	49.199	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.400%
21) 2-Butanone-d5	3.796	46	139596	96.222	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.220%
24) Chloroform-d	4.256	84	207076	54.230	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.460%
26) 1,2-Dichloroethane-d4	4.947	65	139080	54.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.580%
32) Benzene-d6	4.966	84	372579	54.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.000%
36) 1,2-Dichloropropane-d6	5.992	67	126922	53.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.800%
41) Toluene-d8	7.249	98	357833	57.498	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.000%
43) trans-1,3-Dichloroprop...	7.558	79	60705	51.176	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.360%
47) 2-Hexanone-d5	8.030	63	87071	98.171	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.170%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	142214	47.854	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.700%
66) 1,2-Dichlorobenzene-d4	11.567	152	141123	52.965	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	43175	47.187	ug/L	98
3) Chloromethane	1.217	50	32448	43.701	ug/L	97
5) Vinyl chloride	1.285	62	40723	45.969	ug/L	98
6) Bromomethane	1.487	94	27294	51.262	ug/L	99
8) Chloroethane	1.548	64	34938	48.950	ug/L	97
9) Trichlorofluoromethane	1.716	101	110002	51.444	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	73175	52.918	ug/L	97
12) 1,1-Dichloroethene	2.072	96	44583	48.980	ug/L	91
13) Acetone	2.121	43	122980	94.758	ug/L	97
14) Carbon disulfide	2.246	76	29644	38.074	ug/L	100
15) Methyl Acetate	2.378	43	99404	50.721	ug/L	98
16) Methylene chloride	2.449	84	73297	53.347	ug/L	94
17) trans-1,2-Dichloroethene	2.699	96	43116	49.961	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	278109	52.428	ug/L	99
19) 1,1-Dichloroethane	3.117	63	157030	52.604	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	72597	51.742	ug/L	96
22) 2-Butanone	3.876	43	155907	97.740	ug/L	99
23) Bromochloromethane	4.153	128	39179	53.101	ug/L	98
25) Chloroform	4.281	83	183927	55.253	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	134489	55.330	ug/L	100
29) Cyclohexane	4.587	56	56671	46.112	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	145818	53.835	ug/L	100
31) Carbon tetrachloride	4.741	117	119525	53.121	ug/L	100
33) Benzene	5.014	78	269717	53.270	ug/L	100
34) Trichloroethene	5.838	95	90222	56.560	ug/L	99
35) Methylcyclohexane	6.056	83	65082	47.704	ug/L	96
37) 1,2-Dichloropropane	6.098	63	98224	53.897	ug/L	100
38) Bromodichloromethane	6.436	83	141594	53.084	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	143518	52.710	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	315816	106.677	ug/L	98
42) Toluene	7.320	91	307280	54.220	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	149879	54.271	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	103437	54.910	ug/L	98
46) Tetrachloroethene	7.911	164	54361	52.494	ug/L	96
48) 2-Hexanone	8.082	43	258770	111.669	ug/L	97
49) Dibromochloromethane	8.182	129	109429	53.253	ug/L	99
50) 1,2-Dibromoethane	8.288	107	96377	53.144	ug/L	98
51) Chlorobenzene	8.818	112	223310	51.822	ug/L	100
52) Ethylbenzene	8.953	91	370957	52.595	ug/L	100
53) m,p-Xylene	9.079	106	137373	54.048	ug/L	96
54) o-Xylene	9.484	106	134651	52.515	ug/L	99
55) Styrene	9.500	104	266138	56.933	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	138136	47.838	ug/L	96
59) Bromoform	9.670	173	86060	46.761	ug/L	99
60) Isopropylbenzene	9.873	105	407012	49.590	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	142775	49.103	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	333350	49.178	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	345711	50.953	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	215047	51.188	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	226647	51.005	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	227394	52.801	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	37594	48.779	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	171824	53.124	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	145807	52.842	ug/L	99
71) Naphthalene	13.445	128	348509	46.082	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	148437	53.669	ug/L	99

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

