

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030658.D
 Acq On : 19 Apr 2023 11:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050293

Quant Time: Apr 20 01:21:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	243167	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	236236	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	133358	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	61610	34.562	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.120%		
7) Chloroethane-d5	1.535	69	56145	37.585	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.160%		
11) 1,1-Dichloroethene-d2	2.063	65	31698	37.496	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.000%		
21) 2-Butanone-d5	3.796	46	115872	118.344	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	118.340%		
24) Chloroform-d	4.256	84	151542	46.910	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.820%		
26) 1,2-Dichloroethane-d4	4.950	65	98372	47.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.720%		
32) Benzene-d6	4.966	84	257980	46.189	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.380%		
36) 1,2-Dichloropropane-d6	5.995	67	82353	47.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.940%		
41) Toluene-d8	7.249	98	237747	45.337	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.680%		
43) trans-1,3-Dichloroprop...	7.558	79	42137	48.187	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.380%		
47) 2-Hexanone-d5	8.030	63	76206	111.500	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.500%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	132369	52.580	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.160%		
66) 1,2-Dichlorobenzene-d4	11.567	152	105789	49.908	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.820%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	103158	49.342	ug/L	100
3) Chloromethane	1.217	50	126692	46.196	ug/L	100
5) Vinyl chloride	1.288	62	107510	48.624	ug/L	98
6) Bromomethane	1.490	94	46183	52.676	ug/L	99
8) Chloroethane	1.552	64	70197	46.288	ug/L	96
9) Trichlorofluoromethane	1.719	101	183835	51.300	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	94804	50.340	ug/L	99
12) 1,1-Dichloroethene	2.076	96	84269	49.492	ug/L	89
13) Acetone	2.121	43	158908	104.885	ug/L	100
14) Carbon disulfide	2.246	76	235566	48.982	ug/L	98
15) Methyl Acetate	2.378	43	106605	52.726	ug/L	98
16) Methylene chloride	2.452	84	95887	49.211	ug/L	97
17) trans-1,2-Dichloroethene	2.699	96	85072	49.492	ug/L	97
18) Methyl tert-butyl Ether	2.709	73	295892	53.742	ug/L	99
19) 1,1-Dichloroethane	3.117	63	175504	50.079	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	96941	51.845	ug/L	98
22) 2-Butanone	3.873	43	164720	105.205	ug/L	95
23) Bromochloromethane	4.156	128	53105	50.851	ug/L	97
25) Chloroform	4.285	83	185395	51.111	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	159659	51.997	ug/L	99
29) Cyclohexane	4.590	56	150093	52.944	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	172332	51.916	ug/L	98
31) Carbon tetrachloride	4.741	117	150666	50.766	ug/L	99
33) Benzene	5.018	78	382131	53.268	ug/L	100
34) Trichloroethene	5.838	95	96494	51.713	ug/L	99
35) Methylcyclohexane	6.059	83	155411	53.154	ug/L	98
37) 1,2-Dichloropropane	6.098	63	96909	50.190	ug/L	100
38) Bromodichloromethane	6.439	83	137671	50.757	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	153386	52.929	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	293805	108.930	ug/L	100
42) Toluene	7.320	91	414084	53.891	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	152935	53.715	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	96004	49.585	ug/L	99
46) Tetrachloroethene	7.911	164	85599	52.409	ug/L	98
48) 2-Hexanone	8.082	43	241046	108.311	ug/L	99
49) Dibromochloromethane	8.182	129	105824	49.552	ug/L	97
50) 1,2-Dibromoethane	8.288	107	101122	50.406	ug/L	100
51) Chlorobenzene	8.821	112	281735	55.363	ug/L	99
52) Ethylbenzene	8.953	91	457381	53.769	ug/L	99
53) m,p-Xylene	9.079	106	176280	54.863	ug/L	98
54) o-Xylene	9.487	106	169656	53.973	ug/L	98
55) Styrene	9.503	104	299519	54.246	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	159434	50.155	ug/L	99
59) Bromoform	9.670	173	87964	52.684	ug/L	100
60) Isopropylbenzene	9.873	105	465745	56.000	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	124660	52.191	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	387788	56.630	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	384823	56.284	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	223857	53.761	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	241058	54.900	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	227920	54.258	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	34335	48.520	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	167138	53.136	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	145024	54.302	ug/L	99
71) Naphthalene	13.448	128	385544	52.773	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	144843	54.694	ug/L	98

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

