

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031588.D
 Acq On : 16 Jun 2023 20:09
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050375

Quant Time: Jun 17 02:32:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	206925	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	215341	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	131607	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	48846	35.469	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.940%		
7) Chloroethane-d5	1.535	69	49280	41.011	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.020%		
11) 1,1-Dichloroethene-d2	2.066	65	24994	35.215	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.420%		
21) 2-Butanone-d5	3.799	46	107641	96.529	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.530%		
24) Chloroform-d	4.259	84	158995	46.099	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.200%		
26) 1,2-Dichloroethane-d4	4.950	65	103189	47.819	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.640%		
32) Benzene-d6	4.969	84	273052	45.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.100%		
36) 1,2-Dichloropropane-d6	5.995	67	97335	45.307	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.620%		
41) Toluene-d8	7.249	98	256411	46.098	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.200%		
43) trans-1,3-Dichloroprop...	7.558	79	47819	45.659	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.320%		
47) 2-Hexanone-d5	8.030	63	81263	95.802	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.800%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	155744	48.029	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.060%		
66) 1,2-Dichlorobenzene-d4	11.567	152	114396	45.600	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.111	85	75194	34.259	ug/L	99
3) Chloromethane	1.217	50	87681	42.335	ug/L	98
5) Vinyl chloride	1.288	62	77893	37.940	ug/L	98
6) Bromomethane	1.490	94	61136	45.688	ug/L	97
8) Chloroethane	1.555	64	56766	42.809	ug/L	96
9) Trichlorofluoromethane	1.719	101	125467	36.733	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	67035	36.622	ug/L	96
12) 1,1-Dichloroethene	2.076	96	62751	40.984	ug/L	94
13) Acetone	2.124	43	70889	64.424	ug/L	98
14) Carbon disulfide	2.246	76	190205	41.069	ug/L	98
15) Methyl Acetate	2.381	43	91817	49.561	ug/L	97
16) Methylene chloride	2.455	84	91455	47.644	ug/L	96
17) trans-1,2-Dichloroethene	2.703	96	71970	45.032	ug/L	100
18) Methyl tert-butyl Ether	2.712	73	272068	51.018	ug/L	99
19) 1,1-Dichloroethane	3.120	63	162871	47.217	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	87453	50.634	ug/L	93
22) 2-Butanone	3.883	43	112939	82.161	ug/L	96
23) Bromochloromethane	4.159	128	49427	52.941	ug/L	91
25) Chloroform	4.288	83	182313	50.844	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031588.D
 Acq On : 16 Jun 2023 20:09
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050375

Quant Time: Jun 17 02:32:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	138717	50.125	ug/L	98
29) Cyclohexane	4.596	56	90607	32.341	ug/L	98
30) 1,1,1-Trichloroethane	4.522	97	145626	42.179	ug/L	98
31) Carbon tetrachloride	4.744	117	121253	39.637	ug/L	98
33) Benzene	5.018	78	334026	46.590	ug/L	100
34) Trichloroethene	5.841	95	83506	43.588	ug/L	99
35) Methylcyclohexane	6.059	83	85756	30.379	ug/L	96
37) 1,2-Dichloropropane	6.101	63	97843	46.475	ug/L	100
38) Bromodichloromethane	6.439	83	135547	47.633	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	147535	47.209	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	244902	99.068	ug/L	99
42) Toluene	7.323	91	354051	47.629	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	147470	48.456	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	99818	50.191	ug/L	99
46) Tetrachloroethene	7.911	164	62345	41.463	ug/L	96
48) 2-Hexanone	8.082	43	190458	96.467	ug/L	98
49) Dibromochloromethane	8.185	129	110838	50.145	ug/L	98
50) 1,2-Dibromoethane	8.287	107	106572	50.326	ug/L #	99
51) Chlorobenzene	8.821	112	229018	46.517	ug/L	97
52) Ethylbenzene	8.953	91	370500	44.668	ug/L	98
53) m,p-Xylene	9.078	106	139777	46.016	ug/L	98
54) o-Xylene	9.484	106	134346	46.606	ug/L	99
55) Styrene	9.500	104	261030	50.704	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	162657	50.056	ug/L	98
59) Bromoform	9.670	173	85974	52.701	ug/L #	98
60) Isopropylbenzene	9.873	105	353166	42.092	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	123495	47.509	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	293225	42.285	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	281812	43.616	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	190142	45.202	ug/L	98
65) 1,4-Dichlorobenzene	11.213	146	203173	45.326	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	197050	46.413	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	35124	45.526	ug/L	97
69) 1,3,5-Trichlorobenzene	12.590	180	132179	41.239	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	116612	41.506	ug/L	99
71) Naphthalene	13.445	128	311029	43.706	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	127334	43.614	ug/L	97

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

