

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031543.D
 Acq On : 15 Jun 2023 19:51
 Operator : SY/MD
 Sample : 03249-11MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT1MSD

Quant Time: Jun 16 02:52:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 02:44:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	250844	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	246185	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	143700	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	66703	39.955	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.920%		
7) Chloroethane-d5	1.539	69	61772	42.407	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.820%		
11) 1,1-Dichloroethene-d2	2.066	65	34892	40.553	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.100%		
21) 2-Butanone-d5	3.802	46	127769	94.518	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.520%		
24) Chloroform-d	4.259	84	179510	42.935	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.860%		
26) 1,2-Dichloroethane-d4	4.950	65	113616	43.433	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.860%		
32) Benzene-d6	4.970	84	312832	45.145	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.280%		
36) 1,2-Dichloropropane-d6	5.995	67	109554	44.606	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.220%		
41) Toluene-d8	7.249	98	292326	45.971	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.940%		
43) trans-1,3-Dichloroprop...	7.558	79	54263	45.321	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.640%		
47) 2-Hexanone-d5	8.030	63	95002	97.967	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.970%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	165530	44.651	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.300%		
66) 1,2-Dichlorobenzene-d4	11.567	152	125330	45.755	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.500%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.111	85	105489	39.647	ug/L	98
3) Chloromethane	1.217	50	111904	44.571	ug/L	98
5) Vinyl chloride	1.288	62	112363	45.147	ug/L	98
6) Bromomethane	1.494	94	70601	43.523	ug/L	99
8) Chloroethane	1.555	64	70987	44.160	ug/L	98
9) Trichlorofluoromethane	1.719	101	184827	44.638	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	90100	40.605	ug/L	99
12) 1,1-Dichloroethene	2.076	96	87769	47.288	ug/L	96
13) Acetone	2.127	43	84486	63.338	ug/L	99
14) Carbon disulfide	2.249	76	263611	46.953	ug/L	99
15) Methyl Acetate	2.381	43	97369	43.356	ug/L	100
16) Methylene chloride	2.455	84	103653	44.544	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	92287	47.634	ug/L	97
18) Methyl tert-butyl Ether	2.712	73	325257	50.313	ug/L	99
19) 1,1-Dichloroethane	3.121	63	227015	54.290	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	118909	56.792	ug/L	98
22) 2-Butanone	3.883	43	139134	83.496	ug/L	98
23) Bromochloromethane	4.159	128	55290	48.853	ug/L	94
25) Chloroform	4.288	83	213236	49.056	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031543.D
 Acq On : 15 Jun 2023 19:51
 Operator : SY/MD
 Sample : 03249-11MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT1MSD

Quant Time: Jun 16 02:52:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 02:44:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	159278	47.477	ug/L	96
29) Cyclohexane	4.593	56	149853	46.786	ug/L	98
30) 1,1,1-Trichloroethane	4.523	97	266554	67.532	ug/L	99
31) Carbon tetrachloride	4.744	117	164043	46.906	ug/L	99
33) Benzene	5.018	78	397588	48.508	ug/L	100
34) Trichloroethene	5.841	95	108208	49.405	ug/L	87
35) Methylcyclohexane	6.059	83	140769	43.620	ug/L	99
37) 1,2-Dichloropropane	6.101	63	116132	48.251	ug/L	99
38) Bromodichloromethane	6.439	83	156129	47.992	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	174951	48.968	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	294135	104.077	ug/L	99
42) Toluene	7.323	91	420758	49.511	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	169507	48.719	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	108085	47.538	ug/L	99
46) Tetrachloroethene	7.912	164	84022	48.879	ug/L	97
48) 2-Hexanone	8.082	43	223707	99.112	ug/L	97
49) Dibromochloromethane	8.182	129	122159	48.342	ug/L	95
50) 1,2-Dibromoethane	8.288	107	116415	48.087	ug/L	99
51) Chlorobenzene	8.821	112	265334	47.141	ug/L	99
52) Ethylbenzene	8.953	91	464059	48.938	ug/L	100
53) m,p-Xylene	9.079	106	170747	49.169	ug/L	95
54) o-Xylene	9.484	106	165683	50.276	ug/L	100
55) Styrene	9.500	104	303756	51.611	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	181538	48.867	ug/L	97
59) Bromoform	9.670	173	92091	51.700	ug/L #	100
60) Isopropylbenzene	9.873	105	464061	50.655	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	138611	48.836	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	385427	50.904	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	363837	51.572	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	220731	48.058	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	229142	46.818	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	226685	48.900	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	41096	48.784	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	160092	45.744	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	144931	47.245	ug/L	98
71) Naphthalene	13.445	128	400188	51.503	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	153563	48.172	ug/L	96

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

Quant Time: Jun 16 02:52:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 16 02:44:48 2023
Response via : Initial Calibration

