

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080719\
 Data File : VV012123.D
 Acq On : 07 Aug 2019 13:20
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Quant Time: Aug 08 01:14:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 08 01:11:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	265448	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	243064	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	118439	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56702	39.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.16%
7) Chloroethane-d5	1.58	69	39408	38.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.52%
11) 1,1-Dichloroethene-d2	2.13	63	77384	30.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.52%
21) 2-Butanone-d5	3.92	46	102953	97.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.38%
24) Chloroform-d	4.40	84	164146	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
26) 1,2-Dichloroethane-d4	5.08	65	113488	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
32) Benzene-d6	5.10	84	327153	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
36) 1,2-Dichloropropane-d6	6.12	67	97399	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.14%
41) Toluene-d8	7.36	98	320839	47.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.14%
43) trans-1,3-Dichloropropene-	7.66	79	56054	48.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.32%
47) 2-Hexanone-d5	8.13	63	91684	108.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.96%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	142669	49.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.92%
66) 1,2-Dichlorobenzene-d4	11.67	152	140324	50.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	4706	2.510 ug/L	96
3) Chloromethane	1.25	50	3810	2.862 ug/L	99
5) Vinyl chloride	1.33	62	2946	2.293 ug/L #	69
6) Bromomethane	1.53	94	1767	2.369 ug/L	87
8) Chloroethane	1.60	64	1423	2.114 ug/L	84
9) Trichlorofluoromethane	1.77	101	4381	2.097 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3217	3.141 ug/L #	75
12) 1,1-Dichloroethene	2.14	96	2794	2.897 ug/L #	1
13) Acetone	2.19	43	2998	4.159 ug/L	96
14) Carbon disulfide	2.32	76	7126	2.186 ug/L	99
15) Methyl Acetate	2.46	43	2955	2.343 ug/L	99
16) Methylene chloride	2.54	84	3182	2.175 ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	2956	2.171 ug/L	91
18) Methyl tert-butyl Ether	2.80	73	10911	2.332 ug/L	99
19) 1,1-Dichloroethane	3.23	63	5819	2.343 ug/L	90
20) cis-1,2-Dichloroethene	3.96	96	3579	2.231 ug/L	87
22) 2-Butanone	4.02	43	3548	3.819 ug/L	79

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080719\
 Data File : VV012123.D
 Acq On : 07 Aug 2019 13:20
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Quant Time: Aug 08 01:14:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 08 01:11:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	2028	2.299	ug/L	92
25) Chloroform	4.43	83	8459	3.005	ug/L	93
27) 1,2-Dichloroethane	5.18	62	5929	2.710	ug/L	96
29) Cyclohexane	4.73	56	5044	2.482	ug/L #	92
30) 1,1,1-Trichloroethane	4.66	97	6037	2.338	ug/L	93
31) Carbon tetrachloride	4.87	117	6108	2.550	ug/L	91
33) Benzene	5.15	78	14588	2.607	ug/L	100
34) Trichloroethene	5.96	95	4058	2.609	ug/L	92
35) Methylcyclohexane	6.17	83	6277	2.712	ug/L #	83
37) 1,2-Dichloropropane	6.22	63	3496	2.562	ug/L #	84
38) Bromodichloromethane	6.55	83	5292	2.465	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	6006	2.496	ug/L	95
40) 4-Methyl-2-pentanone	7.27	43	9307	5.299	ug/L	97
42) Toluene	7.43	91	17063	2.745	ug/L	96
44) trans-1,3-Dichloropropene	7.69	75	5142	2.264	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	3677	2.499	ug/L	93
46) Tetrachloroethene	8.02	164	3661	2.527	ug/L	96
48) 2-Hexanone	8.18	43	7528	5.685	ug/L #	89
49) Dibromochloromethane	8.29	129	4679	2.451	ug/L	92
50) 1,2-Dibromoethane	8.40	107	4392	2.700	ug/L #	90
51) Chlorobenzene	8.93	112	10778	2.571	ug/L	96
52) Ethylbenzene	9.05	91	16721	2.397	ug/L	98
53) m,p-Xylene	9.18	106	6788	2.522	ug/L	92
54) o-Xylene	9.59	106	6787	2.542	ug/L	98
55) Styrene	9.60	104	10531	2.341	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.28	83	6834	3.021	ug/L #	93
59) Bromoform	9.77	173	3876	2.790	ug/L #	74
60) Isopropylbenzene	9.97	105	17170	2.648	ug/L	98
61) 1,2,3-Trichloropropane	10.32	75	4580	2.848	ug/L	93
62) 1,3,5-Trimethylbenzene	10.58	105	14578	2.601	ug/L	99
63) 1,2,4-Trimethylbenzene	10.96	105	13829	2.500	ug/L	98
64) 1,3-Dichlorobenzene	11.23	146	8817	2.695	ug/L	94
65) 1,4-Dichlorobenzene	11.32	146	8438	2.552	ug/L	92
67) 1,2-Dichlorobenzene	11.69	146	9301	2.787	ug/L	93
68) 1,2-Dibromo-3-chloropropan	12.48	75	1450	2.736	ug/L	86
69) 1,3,5-Trichlorobenzene	12.69	180	6134	2.313	ug/L	95
70) 1,2,4-trichlorobenzene	13.31	180	4418	1.921	ug/L	99
71) Naphthalene	13.55	128	9053	1.553	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	4699	2.031	ug/L	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080719\
Data File : VV012123.D
Acq On : 07 Aug 2019 13:20
Operator : SY/MD
Sample : MDL03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Quant Time: Aug 08 01:14:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 01:11:59 2019
Response via : Initial Calibration

