

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090420\
 Data File : VW016461.D
 Acq On : 04 Sep 2020 13:43
 Operator : SY/VA
 Sample : MDL03
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 10:14:38 AM

Quant Time: Sep 08 01:08:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 08 00:55:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	751462	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	681138	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	325084	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	183237	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.92%
7) Chloroethane-d5	2.90	69	170361	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.20%
10) 1,1-Dichloroethene-d2	4.03	63	302026	16.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.92%
20) 2-Butanone-d5	7.08	46	135462	47.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.14%
24) Chloroform-d	7.65	84	417409	23.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	8.31	65	236372m	24.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.24%
29) Benzene-d6	8.28	84	846964	24.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.84%
33) 1,2-Dichloropropane-d6	9.28	67	245150	24.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.40%
37) Toluene-d8	10.33	98	818691	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.48%
38) trans-1,3-Dichloropropene-	10.58	79	123333	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.12%
39) 2-Hexanone-d5	10.93	63	105877	50.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	216104	25.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	282981	25.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	5213m	0.620	ug/L	
3) Chloromethane	2.21	50	4736	0.642	ug/L	92
5) Vinyl chloride	2.37	62	8168m	0.869	ug/L	
6) Bromomethane	2.79	94	4904	0.698	ug/L	95
8) Chloroethane	2.94	64	4407	0.762	ug/L #	71
9) Trichlorofluoromethane	3.26	101	4871	0.633	ug/L	95
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	9345m	1.026	ug/L	
12) 1,1-Dichloroethene	4.04	96	9066m	0.979	ug/L	
13) Acetone	4.12	43	5363m	2.935	ug/L	
14) Carbon disulfide	4.39	76	18054	0.638	ug/L	98
15) Methyl Acetate	4.68	43	2932m	0.662	ug/L	
16) Methylene chloride	4.92	84	24952	2.128	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	10543	0.759	ug/L #	74
18) trans-1,2-Dichloroethene	5.43	96	6889m	0.700	ug/L	
19) 1,1-Dichloroethane	6.23	63	10936	0.653	ug/L	93
21) 2-Butanone	7.13	43	10491m	3.420	ug/L	
22) cis-1,2-Dichloroethene	7.18	96	7390	0.721	ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090420\
 Data File : VW016461.D
 Acq On : 04 Sep 2020 13:43
 Operator : SY/VA
 Sample : MDL03
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 10:14:38 AM

Quant Time: Sep 08 01:08:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 08 00:55:12 2020
 Response via : Initial Calibration

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

23) Bromochloromethane	7.52	128	3341	0.703	ug/L	89
25) Chloroform	7.68	83	14021m	0.809	ug/L	
27) 1,2-Dichloroethane	8.41	62	8541	0.740	ug/L	100
30) Cyclohexane	7.96	56	10761	0.661	ug/L #	92
31) 1,1,1-Trichloroethane	7.87	97	10651	0.722	ug/L	96
32) Carbon tetrachloride	8.07	117	9456	0.670	ug/L	95
34) Benzene	8.32	78	24221	0.650	ug/L	100
35) Trichloroethene	9.10	95	7301	0.708	ug/L	97
36) Methylcyclohexane	9.34	83	11571	0.641	ug/L	91
40) 1,2-Dichloropropane	9.37	63	6601	0.717	ug/L	100
41) Bromodichloromethane	9.65	83	9240	0.718	ug/L	87
42) cis-1,3-Dichloropropene	10.07	75	10880	0.696	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	16556	2.539	ug/L	93
44) Toluene	10.39	91	28719	0.689	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	8910m	0.638	ug/L	
46) 1,1,2-Trichloroethane	10.79	97	5480	0.751	ug/L	95
47) Tetrachloroethene	10.87	164	5914	0.715	ug/L	94
49) 2-Hexanone	10.97	43	5640	1.242	ug/L #	88
50) Dibromochloromethane	11.13	129	6183	0.670	ug/L	96
51) 1,2-Dibromoethane	11.24	107	5068	0.695	ug/L	97
52) Chlorobenzene	11.66	112	18538	0.701	ug/L	95
53) Ethylbenzene	11.73	91	31788	0.677	ug/L	95
54) m,p-Xylene	11.84	106	12749	0.711	ug/L	100
55) o-xylene	12.17	106	11572	0.677	ug/L	92
56) Styrene	12.18	104	18845	0.642	ug/L	93
57) Isopropylbenzene	12.47	105	33036	0.706	ug/L #	85
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	6755	0.776	ug/L #	84
59) 1,2,3-Trichloropropane	12.77	75	4523m	0.696	ug/L	
62) Bromoform	12.35	173	3752	0.688	ug/L #	91
63) 1,3-Dichlorobenzene	13.50	146	14114	0.690	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	14681	0.723	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	12220	0.672	ug/L #	83
66) 1,2-Dibromo-3-chloropropan	14.49	75	1280	0.756	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	9034	0.640	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	7170	0.588	ug/L	99
69) Naphthalene	15.36	128	14383	0.559	ug/L	96
70) 1,2,3-Trichlorobenzene	15.56	180	6440	0.615	ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090420\
Data File : VW016461.D
Acq On : 04 Sep 2020 13:43
Operator : SY/VA
Sample : MDL03
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
MDL03

Manual Integrations
APPROVED

MMDadoda
9/8/2020 10:14:38 AM

Quant Time: Sep 08 01:08:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 08 00:55:12 2020
Response via : Initial Calibration

