

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092619\
 Data File : VW013310.D
 Acq On : 26 Sep 2019 17:52
 Operator : SY/VA
 Sample : MDL06
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 2:13:32 PM

Quant Time: Sep 27 08:42:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 12:57:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	478071	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	429797	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	214911	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	141234	24.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.12%
7) Chloroethane-d5	2.89	69	110606	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.68%
10) 1,1-Dichloroethene-d2	4.01	63	212904	18.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.88%
20) 2-Butanone-d5	7.07	46	100031	50.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.54%
24) Chloroform-d	7.65	84	257082	23.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	8.31	65	145354	24.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.84%
29) Benzene-d6	8.27	84	572722	24.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.16%
33) 1,2-Dichloropropane-d6	9.27	67	172849	24.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.40%
37) Toluene-d8	10.32	98	538520	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.04%
38) trans-1,3-Dichloropropene-	10.58	79	75437	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.56%
39) 2-Hexanone-d5	10.92	63	78710	51.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151064	25.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	192126	25.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	4353m	1.455	ug/L	
3) Chloromethane	2.21	50	8421	2.101	ug/L	96
5) Vinyl chloride	2.35	62	11632	2.098	ug/L #	57
6) Bromomethane	2.78	94	7249	2.056	ug/L	85
8) Chloroethane	2.92	64	6968m	2.072	ug/L	
9) Trichlorofluoromethane	3.26	101	5606	1.631	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	14104m	2.597	ug/L	
12) 1,1-Dichloroethene	4.03	96	12661	2.297	ug/L #	1
13) Acetone	4.12	43	9603	5.856	ug/L	71
14) Carbon disulfide	4.38	76	31053	1.985	ug/L	96
15) Methyl Acetate	4.67	43	7487m	2.366	ug/L	
16) Methylene chloride	4.91	84	27578	3.861	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	21572	2.263	ug/L #	86
18) trans-1,2-Dichloroethene	5.42	96	12699	2.155	ug/L	96
19) 1,1-Dichloroethane	6.21	63	22120	2.140	ug/L	98
21) 2-Butanone	7.16	43	13191	5.585	ug/L	94
22) cis-1,2-Dichloroethene	7.16	96	13557	2.111	ug/L	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092619\
 Data File : VW013310.D
 Acq On : 26 Sep 2019 17:52
 Operator : SY/VA
 Sample : MDL06
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 2:13:32 PM

Quant Time: Sep 27 08:42:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 12:57:49 2019
 Response via : Initial Calibration

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

23) Bromochloromethane	7.51	128	6268	2.169	ug/L #	93
25) Chloroform	7.67	83	23551	2.319	ug/L	84
27) 1,2-Dichloroethane	8.40	62	15200	2.285	ug/L	94
30) Cyclohexane	7.95	56	20986	2.033	ug/L #	92
31) 1,1,1-Trichloroethane	7.87	97	17128	2.076	ug/L	99
32) Carbon tetrachloride	8.06	117	16499	2.098	ug/L	99
34) Benzene	8.32	78	53765	2.231	ug/L	100
35) Trichloroethene	9.09	95	13641	2.155	ug/L	98
36) Methylcyclohexane	9.34	83	22621	2.006	ug/L	96
40) 1,2-Dichloropropane	9.37	63	12831	2.164	ug/L	98
41) Bromodichloromethane	9.64	83	15675	2.155	ug/L #	96
42) cis-1,3-Dichloropropene	10.07	75	19664	2.077	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	23721	5.227	ug/L	95
44) Toluene	10.39	91	58543	2.232	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	15463m	2.032	ug/L	
46) 1,1,2-Trichloroethane	10.79	97	9694	2.087	ug/L	94
47) Tetrachloroethene	10.86	164	12458	2.187	ug/L	95
49) 2-Hexanone	10.97	43	14259	4.371	ug/L	98
50) Dibromochloromethane	11.13	129	11079	2.080	ug/L	93
51) 1,2-Dibromoethane	11.23	107	9765	2.140	ug/L #	100
52) Chlorobenzene	11.66	112	35516	2.149	ug/L	99
53) Ethylbenzene	11.73	91	61549	2.117	ug/L	97
54) m,p-Xylene	11.83	106	22098	1.979	ug/L	97
55) o-xylene	12.16	106	22042	2.092	ug/L	91
56) Styrene	12.18	104	37598	2.081	ug/L	98
57) Isopropylbenzene	12.46	105	59010	2.071	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	12842	2.244	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	9918	2.323	ug/L	99
62) Bromoform	12.35	173	6850	2.015	ug/L #	97
63) 1,3-Dichlorobenzene	13.50	146	28187	2.131	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	30813	2.306	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	26896	2.235	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	2237	2.361	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	21023	2.065	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	15896	1.956	ug/L	100
69) Naphthalene	15.36	128	27181	1.750	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	15844	2.143	ug/L	92

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092619\
Data File : VW013310.D
Acq On : 26 Sep 2019 17:52
Operator : SY/VA
Sample : MDL06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
10/9/2019 2:13:32 PM

Quant Time: Sep 27 08:42:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 12:57:49 2019
Response via : Initial Calibration

