

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102318\
 Data File : VW006298.D
 Acq On : 23 Oct 2018 15:58
 Operator : SY/AP
 Sample : MDL
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL

Manual Integrations
 APPROVED

MMDadoda
 10/24/2018 2:07:20 PM

Quant Time: Oct 24 03:04:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 24 01:59:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	376300	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360301	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	189476	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	85507	20.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.60%
7) Chloroethane-d5	2.90	69	81695	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.48%
10) 1,1-Dichloroethene-d2	4.01	63	138004	16.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.72%
20) 2-Butanone-d5	7.08	46	60679	43.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.28%
24) Chloroform-d	7.65	84	196678	24.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	8.31	65	114952	25.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.96%
29) Benzene-d6	8.28	84	401203	24.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.12%
33) 1,2-Dichloropropane-d6	9.28	67	116835	23.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.68%
37) Toluene-d8	10.33	98	395032	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.60%
38) trans-1,3-Dichloropropene-	10.58	79	48104	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.20%
39) 2-Hexanone-d5	10.93	63	50316	42.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110146	22.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	167741	25.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	4934m	1.387	ug/L	
3) Chloromethane	2.21	50	5048	1.445	ug/L	90
5) Vinyl chloride	2.37	62	6632	1.178	ug/L #	67
6) Bromomethane	2.78	94	5012	1.143	ug/L	100
8) Chloroethane	2.93	64	4132m	1.198	ug/L	
9) Trichlorofluoromethane	3.27	101	5290m	1.175	ug/L	
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	7205m	1.600	ug/L	
12) 1,1-Dichloroethene	4.03	96	6018m	1.393	ug/L	
13) Acetone	4.12	43	4209m	2.962	ug/L	
14) Carbon disulfide	4.38	76	13774	0.975	ug/L	97
15) Methyl Acetate	4.67	43	2642m	1.148	ug/L	
16) Methylene chloride	4.92	84	13398m	2.758	ug/L	
17) Methyl tert-butyl Ether	5.43	73	8151	1.159	ug/L #	82
18) trans-1,2-Dichloroethene	5.43	96	5572	1.165	ug/L	90
19) 1,1-Dichloroethane	6.21	63	8754	1.131	ug/L	97
21) 2-Butanone	7.18	43	4890m	2.590	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	6225	1.193	ug/L	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102318\
 Data File : VW006298.D
 Acq On : 23 Oct 2018 15:58
 Operator : SY/AP
 Sample : MDL
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL

Manual Integrations
 APPROVED

MMDadoda
 10/24/2018 2:07:20 PM

Quant Time: Oct 24 03:04:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 24 01:59:01 2018
 Response via : Initial Calibration

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

23) Bromochloromethane	7.51	128	2823	1.150	ug/L	96
25) Chloroform	7.68	83	10987	1.319	ug/L	81
27) 1,2-Dichloroethane	8.41	62	7224	1.272	ug/L #	91
30) Cyclohexane	7.96	56	8151	1.029	ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	8230	1.092	ug/L	98
32) Carbon tetrachloride	8.07	117	7836	1.060	ug/L	98
34) Benzene	8.32	78	21925	1.185	ug/L	100
35) Trichloroethene	9.09	95	5941	1.142	ug/L	97
36) Methylcyclohexane	9.34	83	10114	1.061	ug/L	98
40) 1,2-Dichloropropane	9.38	63	5276	1.150	ug/L	99
41) Bromodichloromethane	9.65	83	6226	1.005	ug/L	93
42) cis-1,3-Dichloropropene	10.07	75	7158	0.955	ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	7382	2.008	ug/L	98
44) Toluene	10.39	91	25446	1.225	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	8460	1.292	ug/L	94
46) 1,1,2-Trichloroethane	10.79	97	4631	1.212	ug/L	93
47) Tetrachloroethene	10.87	164	5430	1.127	ug/L	88
49) 2-Hexanone	10.98	43	5202	1.920	ug/L	98
50) Dibromochloromethane	11.13	129	4567	0.933	ug/L	98
51) 1,2-Dibromoethane	11.24	107	4323	1.087	ug/L	99
52) Chlorobenzene	11.66	112	16391	1.166	ug/L	93
53) Ethylbenzene	11.74	91	26681	1.103	ug/L	97
54) m,p-Xylene	11.85	106	10184	1.075	ug/L	96
55) o-xylene	12.17	106	9391	1.038	ug/L	98
56) Styrene	12.19	104	15648	1.004	ug/L	90
57) Isopropylbenzene	12.47	105	25740	1.022	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	5852	1.179	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	4134	1.116	ug/L	98
62) Bromoform	12.35	173	2676	0.843	ug/L #	98
63) 1,3-Dichlorobenzene	13.51	146	13333	1.146	ug/L	92
64) 1,4-Dichlorobenzene	13.58	146	14032	1.198	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	12991	1.214	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	839m	0.974	ug/L	
67) 1,3,5-Trichlorobenzene	14.64	180	10705	1.141	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	9066	1.134	ug/L	99
69) Naphthalene	15.38	128	15351	0.948	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	8194	1.140	ug/L	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102318\
Data File : VW006298.D
Acq On : 23 Oct 2018 15:58
Operator : SY/AP
Sample : MDL
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
MDL

Manual Integrations
APPROVED

MMDadoda
10/24/2018 2:07:20 PM

Quant Time: Oct 24 03:04:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 24 01:59:01 2018
Response via : Initial Calibration

