

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102318\
 Data File : VW006305.D
 Acq On : 23 Oct 2018 19:50
 Operator : SY/AP
 Sample : MDL 2 PPB
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 2 PPB

Manual Integrations
 APPROVED

MMDadoda
 10/24/2018 2:08:02 PM

Quant Time: Oct 24 05:43:36 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	312995	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	290645	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	150184	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	77848	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.20%
7) Chloroethane-d5	2.90	69	76621	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.88%
10) 1,1-Dichloroethene-d2	4.01	63	126829	18.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.84%
20) 2-Butanone-d5	7.09	46	65768	56.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.42%
24) Chloroform-d	7.65	84	169592	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	8.31	65	97805	26.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.28%
29) Benzene-d6	8.28	84	344169	26.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.32%
33) 1,2-Dichloropropane-d6	9.28	67	98000	24.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.44%
37) Toluene-d8	10.33	98	339594	25.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.92%
38) trans-1,3-Dichloropropene-	10.59	79	40045	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.76%
39) 2-Hexanone-d5	10.93	63	53421	55.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104428	26.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	139350	27.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.28%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	9410m	3.181 ug/L	
3) Chloromethane	2.21	50	7978	2.746 ug/L	95
5) Vinyl chloride	2.37	62	11097	2.370 ug/L #	81
6) Bromomethane	2.79	94	8454	2.319 ug/L	97
8) Chloroethane	2.93	64	7123	2.482 ug/L	98
9) Trichlorofluoromethane	3.26	101	9331	2.491 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	11116m	2.968 ug/L	
12) 1,1-Dichloroethene	4.04	96	9687	2.696 ug/L #	1
13) Acetone	4.15	43	7165	6.062 ug/L	95
14) Carbon disulfide	4.37	76	22915	1.951 ug/L	98
15) Methyl Acetate	4.68	43	5304	2.770 ug/L #	74
16) Methylene chloride	4.91	84	15590	3.858 ug/L	89
17) Methyl tert-butyl Ether	5.43	73	13077	2.236 ug/L #	89
18) trans-1,2-Dichloroethene	5.42	96	8994	2.261 ug/L	98
19) 1,1-Dichloroethane	6.22	63	14023	2.178 ug/L	97
21) 2-Butanone	7.19	43	8080	5.144 ug/L	78
22) cis-1,2-Dichloroethene	7.17	96	9942	2.291 ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102318\
 Data File : VW006305.D
 Acq On : 23 Oct 2018 19:50
 Operator : SY/AP
 Sample : MDL 2 PPB
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 2 PPB

Manual Integrations
 APPROVED

MMDadoda
 10/24/2018 2:08:02 PM

Quant Time: Oct 24 05:43:36 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	7.52	128	4588	2.248	ug/L	97
25) Chloroform	7.68	83	16362	2.361	ug/L	88
27) 1,2-Dichloroethane	8.40	62	11285	2.389	ug/L #	93
30) Cyclohexane	7.96	56	13708	2.146	ug/L	95
31) 1,1,1-Trichloroethane	7.88	97	13459	2.213	ug/L	98
32) Carbon tetrachloride	8.07	117	12658	2.122	ug/L	100
34) Benzene	8.33	78	35145m	2.355	ug/L	
35) Trichloroethene	9.10	95	9469	2.256	ug/L	97
36) Methylcyclohexane	9.34	83	17004	2.211	ug/L	97
40) 1,2-Dichloropropane	9.37	63	8260	2.232	ug/L	98
41) Bromodichloromethane	9.65	83	9449	1.891	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	11662	1.929	ug/L	94
43) 4-Methyl-2-pentanone	10.21	43	13474	4.543	ug/L	98
44) Toluene	10.39	91	38746	2.313	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	11935	2.260	ug/L	91
46) 1,1,2-Trichloroethane	10.79	97	7118	2.309	ug/L	96
47) Tetrachloroethene	10.87	164	9065	2.333	ug/L	99
49) 2-Hexanone	10.98	43	9539	4.364	ug/L #	95
50) Dibromochloromethane	11.13	129	7271	1.840	ug/L	91
51) 1,2-Dibromoethane	11.24	107	7094	2.211	ug/L #	97
52) Chlorobenzene	11.66	112	25741	2.270	ug/L	98
53) Ethylbenzene	11.74	91	42790	2.194	ug/L	96
54) m,p-Xylene	11.85	106	16408	2.146	ug/L	98
55) o-xylene	12.17	106	14892	2.040	ug/L	97
56) Styrene	12.18	104	24164	1.922	ug/L	100
57) Isopropylbenzene	12.47	105	42628	2.099	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	10113	2.525	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	7456	2.495	ug/L	97
62) Bromoform	12.35	173	4539	1.804	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	20993	2.276	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	21705	2.337	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	20594	2.427	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	1485	2.174	ug/L	89
67) 1,3,5-Trichlorobenzene	14.64	180	16929	2.277	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	13560	2.139	ug/L	99
69) Naphthalene	15.38	128	26774	2.086	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	12403	2.178	ug/L	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102318\
Data File : VW006305.D
Acq On : 23 Oct 2018 19:50
Operator : SY/AP
Sample : MDL 2 PPB
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL 2 PPB

Manual Integrations
APPROVED

MMDadoda
10/24/2018 2:08:02 PM

Quant Time: Oct 24 05:43:36 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

