

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101019\
 Data File : VW013517.D
 Acq On : 10 Oct 2019 11:40
 Operator : SY/VA
 Sample : VSTD00503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00503

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 1:01:19 AM

Quant Time: Oct 10 14:14:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 10 14:04:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	518233	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	454197	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221839	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	31117	5.04	ug/L	0.00
7) Chloroethane-d5	2.89	69	23433	4.72	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	58216	4.79	ug/L	0.00
20) 2-Butanone-d5	7.08	46	18009	8.43	ug/L	0.00
24) Chloroform-d	7.65	84	58901	5.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	30213	4.79	ug/L	0.00
29) Benzene-d6	8.27	84	128349	5.20	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	37215	5.06	ug/L	0.00
37) Toluene-d8	10.32	98	119272	5.14	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	15819	4.79	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	13241	8.23	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28619	4.59	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	41895	5.29	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	6541m	2.017	ug/L
3) Chloromethane	2.21	50	19651	4.522	ug/L
5) Vinyl chloride	2.35	62	27823	4.629	ug/L
6) Bromomethane	2.77	94	17002	4.450	ug/L
8) Chloroethane	2.92	64	16204	4.444	ug/L
9) Trichlorofluoromethane	3.25	101	14440	3.877	ug/L
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	27438	4.661	ug/L
12) 1,1-Dichloroethene	4.04	96	28057	4.696	ug/L
13) Acetone	4.12	43	17571	9.884	ug/L
14) Carbon disulfide	4.38	76	82084	4.840	ug/L
15) Methyl Acetate	4.66	43	13120m	3.825	ug/L
16) Methylene chloride	4.91	84	36167	4.671	ug/L
17) Methyl tert-butyl Ether	5.42	73	46119	4.463	ug/L
18) trans-1,2-Dichloroethene	5.42	96	30998	4.853	ug/L
19) 1,1-Dichloroethane	6.21	63	50941	4.546	ug/L
21) 2-Butanone	7.17	43	19568	7.642	ug/L
22) cis-1,2-Dichloroethene	7.17	96	33333	4.789	ug/L
23) Bromochloromethane	7.52	128	14905	4.759	ug/L
25) Chloroform	7.68	83	51497	4.677	ug/L
27) 1,2-Dichloroethane	8.40	62	32623	4.524	ug/L
30) Cyclohexane	7.96	56	52341	4.798	ug/L
31) 1,1,1-Trichloroethane	7.87	97	41086	4.713	ug/L
32) Carbon tetrachloride	8.07	117	36991	4.450	ug/L
34) Benzene	8.32	78	123745	4.860	ug/L
35) Trichloroethene	9.09	95	30627	4.578	ug/L
36) Methylcyclohexane	9.34	83	56560	4.746	ug/L
40) 1,2-Dichloropropane	9.37	63	29870	4.768	ug/L
41) Bromodichloromethane	9.65	83	35866	4.666	ug/L
42) cis-1,3-Dichloropropene	10.07	75	44852	4.482	ug/L
43) 4-Methyl-2-pentanone	10.21	43	39650	8.268	ug/L

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101019\
 Data File : VW013517.D
 Acq On : 10 Oct 2019 11:40
 Operator : SY/VA
 Sample : VSTD00503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00503

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 1:01:19 AM

Quant Time: Oct 10 14:14:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 10 14:04:30 2019
 Response via : Initial Calibration

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

44) Toluene	10.39	91	131150	4.731	ug/L	95
45) trans-1,3-Dichloropropene	10.60	75	36205	4.501	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	22580	4.600	ug/L	96
47) Tetrachloroethene	10.86	164	29168	4.846	ug/L	96
49) 2-Hexanone	10.97	43	25492	7.395	ug/L	98
50) Dibromochloromethane	11.13	129	25612	4.549	ug/L	96
51) 1,2-Dibromoethane	11.24	107	20879	4.330	ug/L #	99
52) Chlorobenzene	11.66	112	82809	4.740	ug/L	99
53) Ethylbenzene	11.73	91	145359	4.730	ug/L	98
54) m,p-Xylene	11.84	106	55819	4.731	ug/L	94
55) o-xylene	12.16	106	52405	4.706	ug/L	97
56) Styrene	12.18	104	89314	4.678	ug/L	97
57) Isopropylbenzene	12.46	105	145509	4.833	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.71	83	26126	4.320	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	19629	4.350	ug/L	98
62) Bromoform	12.35	173	15360	4.377	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	66834	4.896	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	66157	4.796	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	59492	4.790	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.48	75	3909	3.996	ug/L	84
67) 1,3,5-Trichlorobenzene	14.63	180	47726	4.541	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	37115	4.424	ug/L	95
69) Naphthalene	15.36	128	60507	3.775	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	33398	4.377	ug/L	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101019\
Data File : VW013517.D
Acq On : 10 Oct 2019 11:40
Operator : SY/VA
Sample : VSTD00503
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD00503

Manual Integrations
APPROVED

MMDadoda
10/16/2019 1:01:19 AM

Quant Time: Oct 10 14:14:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 10 14:04:30 2019
Response via : Initial Calibration

