

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061119\
 Data File : VW010761.D
 Acq On : 11 Jun 2019 10:23
 Operator : SY/VA
 Sample : VSTD2.513
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.513

Quant Time: Jun 11 11:59:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 11:56:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	422681	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	383537	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178529	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	17773	3.81	ug/L	0.00
7) Chloroethane-d5	2.88	69	13080	3.68	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	34340	2.94	ug/L	0.00
20) 2-Butanone-d5	7.09	46	9295	4.10	ug/L	0.01
24) Chloroform-d	7.65	84	20712	1.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	17452	2.63	ug/L	0.00
29) Benzene-d6	8.27	84	58366	2.76	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	18136	2.72	ug/L	0.00
37) Toluene-d8	10.32	98	51789	2.79	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	7485	2.53	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	6907	4.15	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	14188	2.26	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	16955	2.59	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	18190	3.252 ug/L	100
3) Chloromethane	2.22	50	20504	3.855 ug/L	96
5) Vinyl chloride	2.35	62	18627	3.164 ug/L	98
6) Bromomethane	2.76	94	8654	2.669 ug/L	96
8) Chloroethane	2.92	64	10813	3.354 ug/L	97
9) Trichlorofluoromethane	3.26	101	23871	7.974 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	14284	2.519 ug/L	98
12) 1,1-Dichloroethene	4.04	96	13165	2.302 ug/L	99
13) Acetone	4.14	43	16294	9.141 ug/L	100
14) Carbon disulfide	4.38	76	39754	2.425 ug/L	99
15) Methyl Acetate	4.68	43	9878	2.530 ug/L	97
16) Methylene chloride	4.92	84	16870	2.404 ug/L	92
17) Methyl tert-butyl Ether	5.43	73	40345	5.331 ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	14304	2.501 ug/L	97
19) 1,1-Dichloroethane	6.22	63	28940	2.577 ug/L	97
21) 2-Butanone	7.18	43	20396	7.500 ug/L	94
22) cis-1,2-Dichloroethene	7.18	96	15779	2.550 ug/L	99
23) Bromochloromethane	7.52	128	6416	2.264 ug/L	90
25) Chloroform	7.68	83	32470	2.924 ug/L	99
27) 1,2-Dichloroethane	8.40	62	21057	2.591 ug/L	99
30) Cyclohexane	7.96	56	31661	3.364 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	23370	2.956 ug/L	99
32) Carbon tetrachloride	8.07	117	18362	2.255 ug/L	96
34) Benzene	8.32	78	61171	2.636 ug/L	100
35) Trichloroethene	9.09	95	15841	2.642 ug/L	98
36) Methylcyclohexane	9.34	83	29182	2.901 ug/L	99
40) 1,2-Dichloropropane	9.37	63	16772	2.784 ug/L	98
41) Bromodichloromethane	9.65	83	17728	2.273 ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	24040	2.649 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	29057	5.654 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	64694	2.678	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	19008	2.435	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	11433	2.492	ug/L	96
47) Tetrachloroethene	10.87	164	12329	2.671	ug/L	98
49) 2-Hexanone	10.97	43	20342	5.365	ug/L	99
50) Dibromochloromethane	11.13	129	11641	2.209	ug/L	94
51) 1,2-Dibromoethane	11.24	107	10970	2.450	ug/L	97
52) Chlorobenzene	11.66	112	39685	2.565	ug/L	97
53) Ethylbenzene	11.73	91	73000	2.707	ug/L	99
54) m,p-Xylene	11.84	106	26758	2.693	ug/L	98
55) o-xylene	12.16	106	24680	2.633	ug/L	94
56) Styrene	12.18	104	42613	2.607	ug/L	100
57) Isopropylbenzene	12.47	105	68800	2.709	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	14641	2.380	ug/L #	98
59) 1,2,3-Trichloropropane	12.77	75	11934	2.547	ug/L	99
62) Bromoform	12.35	173	6627	2.208	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	29026	2.672	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	29536	2.545	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	27095	2.583	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	2602	2.376	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	21682	2.641	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	16887	2.541	ug/L	97
69) Naphthalene	15.37	128	30144	2.048	ug/L	98
70) 1,2,3-Trichlorobenzene	15.57	180	15018	2.361	ug/L	99

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

