

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061119\
 Data File : VW010764.D
 Acq On : 11 Jun 2019 11:44
 Operator : SY/VA
 Sample : VSTD05016
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05016

Quant Time: Jun 11 12:05:35 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	386375	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	355567	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170913	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	243745	57.19	ug/L	0.00
7) Chloroethane-d5	2.87	69	191042	58.85	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	536118	50.17	ug/L	0.00
20) 2-Butanone-d5	7.07	46	240883	116.29	ug/L	0.00
24) Chloroform-d	7.65	84	432885	41.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	314001	51.79	ug/L	0.00
29) Benzene-d6	8.27	84	1006967	51.43	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	330915	53.52	ug/L	0.00
37) Toluene-d8	10.32	98	912912	53.01	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	157426	57.33	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	172514	111.73	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	292216	50.12	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	317691	50.78	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	299064	58.490	ug/L 99
3) Chloromethane	2.21	50	337193	69.352	ug/L 99
5) Vinyl chloride	2.35	62	305171	56.716	ug/L 100
6) Bromomethane	2.76	94	142169	47.975	ug/L 99
8) Chloroethane	2.91	64	179645	60.965	ug/L 98
9) Trichlorofluoromethane	3.25	101	410075	149.851	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	235754	45.482	ug/L 99
12) 1,1-Dichloroethene	4.03	96	218152	41.735	ug/L 95
13) Acetone	4.12	43	227942	139.889	ug/L 100
14) Carbon disulfide	4.37	76	626569	41.810	ug/L 99
15) Methyl Acetate	4.67	43	195603	54.805	ug/L 99
16) Methylene chloride	4.92	84	253586	39.535	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	756215	109.322	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	242655	46.418	ug/L 98
19) 1,1-Dichloroethane	6.21	63	520121	50.675	ug/L 99
21) 2-Butanone	7.17	43	309248	124.404	ug/L 100
22) cis-1,2-Dichloroethene	7.16	96	285161	50.422	ug/L 99
23) Bromochloromethane	7.51	128	116799	45.084	ug/L 98
25) Chloroform	7.68	83	564905	55.654	ug/L 100
27) 1,2-Dichloroethane	8.40	62	389679	52.456	ug/L 99
30) Cyclohexane	7.95	56	497081	56.962	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	423821	57.834	ug/L 100
32) Carbon tetrachloride	8.07	117	358036	47.438	ug/L 99
34) Benzene	8.32	78	1063647	49.438	ug/L 100
35) Trichloroethene	9.09	95	271710	48.888	ug/L 99
36) Methylcyclohexane	9.34	83	472035	50.610	ug/L 99
40) 1,2-Dichloropropane	9.37	63	304087	54.454	ug/L 100
41) Bromodichloromethane	9.65	83	379327	52.457	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	485390	57.703	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	611505	128.354	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	1120257	50.021	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	421472	58.229	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	220377	51.823	ug/L	98
47) Tetrachloroethene	10.86	164	203345	47.523	ug/L	98
49) 2-Hexanone	10.97	43	463298	131.808	ug/L	100
50) Dibromochloromethane	11.13	129	257037	52.622	ug/L	97
51) 1,2-Dibromoethane	11.24	107	213121	51.344	ug/L	99
52) Chlorobenzene	11.66	112	708247	49.373	ug/L	99
53) Ethylbenzene	11.73	91	1294308	51.767	ug/L	99
54) m,p-Xylene	11.84	106	461000	50.045	ug/L	100
55) o-xylene	12.17	106	459221	52.850	ug/L	94
56) Styrene	12.18	104	809452	53.416	ug/L	99
57) Isopropylbenzene	12.47	105	1250657	53.112	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	302373	53.009	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	236489	54.448	ug/L	99
62) Bromoform	12.35	173	155803	54.227	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	551600	53.032	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	555402	49.986	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	519356	51.709	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	57405	54.745	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	426053	54.210	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	376742	59.220	ug/L	98
69) Naphthalene	15.37	128	851124	60.398	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	344200	56.525	ug/L	99

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

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