

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061119\
 Data File : VW010763.D
 Acq On : 11 Jun 2019 11:17
 Operator : SY/VA
 Sample : VSTD02515
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Quant Time: Jun 11 11:57:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 11:52:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	391680	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	356439	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167534	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	128478	29.74	ug/L	-0.01
7) Chloroethane-d5	2.88	69	98965	30.07	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	271659	25.08	ug/L	0.00
20) 2-Butanone-d5	7.08	46	97447	46.41	ug/L	0.00
24) Chloroform-d	7.65	84	202313	19.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	156834	25.52	ug/L	0.00
29) Benzene-d6	8.27	84	507759	25.87	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	164946	26.61	ug/L	0.00
37) Toluene-d8	10.32	98	458856	26.58	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	74375	27.02	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	79381	51.29	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141353	24.19	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	153236	24.99	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	156616	30.216 ug/L	95
3) Chloromethane	2.21	50	171603	34.816 ug/L	99
5) Vinyl chloride	2.35	62	156805	28.748 ug/L	99
6) Bromomethane	2.76	94	70930	23.611 ug/L	97
8) Chloroethane	2.92	64	93389	31.264 ug/L	96
9) Trichlorofluoromethane	3.26	101	208463	75.145 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	117897	22.437 ug/L	96
12) 1,1-Dichloroethene	4.04	96	108679	20.510 ug/L	90
13) Acetone	4.12	43	115745	70.071 ug/L	96
14) Carbon disulfide	4.38	76	313153	20.613 ug/L	98
15) Methyl Acetate	4.67	43	91324	25.241 ug/L	95
16) Methylene chloride	4.92	84	126676	19.482 ug/L	92
17) Methyl tert-butyl Ether	5.43	73	367469	52.403 ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	122705	23.154 ug/L	93
19) 1,1-Dichloroethane	6.22	63	258387	24.834 ug/L	98
21) 2-Butanone	7.17	43	147828	58.663 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	141331	24.652 ug/L	93
23) Bromochloromethane	7.51	128	57537	21.908 ug/L	84
25) Chloroform	7.68	83	290092	28.193 ug/L	100
27) 1,2-Dichloroethane	8.40	62	190085	25.242 ug/L	98
30) Cyclohexane	7.96	56	248195	28.372 ug/L	95
31) 1,1,1-Trichloroethane	7.87	97	210743	28.687 ug/L	98
32) Carbon tetrachloride	8.07	117	175834	23.240 ug/L	98
34) Benzene	8.32	78	535616	24.834 ug/L	100
35) Trichloroethene	9.09	95	135897	24.392 ug/L	99
36) Methylcyclohexane	9.34	83	230536	24.657 ug/L	96
40) 1,2-Dichloropropane	9.37	63	152404	27.225 ug/L	99
41) Bromodichloromethane	9.65	83	182121	25.124 ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	233067	27.639 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	290935	60.917 ug/L	98

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

44) Toluene	10.39	91	560329	24.958	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	199710	27.524	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	108137	25.367	ug/L	98
47) Tetrachloroethene	10.86	164	101470	23.656	ug/L	98
49) 2-Hexanone	10.97	43	222673	63.195	ug/L	98
50) Dibromochloromethane	11.13	129	121583	24.830	ug/L	94
51) 1,2-Dibromoethane	11.24	107	101230	24.328	ug/L	99
52) Chlorobenzene	11.66	112	351196	24.423	ug/L	97
53) Ethylbenzene	11.73	91	644702	25.722	ug/L	100
54) m,p-Xylene	11.84	106	230175	24.926	ug/L	95
55) o-xylene	12.16	106	226333	25.984	ug/L	97
56) Styrene	12.18	104	396695	26.114	ug/L	97
57) Isopropylbenzene	12.46	105	619957	26.263	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	146301	25.585	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	114741	26.353	ug/L	99
62) Bromoform	12.35	173	72840	25.863	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	269271	26.410	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	270701	24.854	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	252039	25.600	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	26551	25.831	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	205344	26.654	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	176611	28.321	ug/L	99
69) Naphthalene	15.37	128	387000	28.017	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	158036	26.476	ug/L	99

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

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