

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\W120519\
 Data File : VW014211.D
 Acq On : 05 Dec 2019 12:48
 Operator : SY/VA
 Sample : VSTD00502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00502

Quant Time: Dec 05 14:18:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 05 14:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1242297	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1136624	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	540187	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89959	4.54	ug/L	0.00
7) Chloroethane-d5	2.88	69	60640	3.77	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	153945	3.78	ug/L	0.00
20) 2-Butanone-d5	7.08	46	35237	6.12	ug/L	0.00
24) Chloroform-d	7.65	84	134798	3.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	68920	3.59	ug/L	0.00
29) Benzene-d6	8.27	84	281730	3.49	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	84758	3.59	ug/L	0.00
37) Toluene-d8	10.32	98	244157	3.19	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	33723	3.33	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	27975	6.24	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	67157	3.76	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	83764	3.86	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	55863	3.781 ug/L	99
3) Chloromethane	2.21	50	61865	4.714 ug/L	97
5) Vinyl chloride	2.36	62	88224	4.306 ug/L	92
6) Bromomethane	2.78	94	54911	4.328 ug/L	99
8) Chloroethane	2.92	64	47884	3.929 ug/L	97
9) Trichlorofluoromethane	3.25	101	40249	2.881 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	80075	3.881 ug/L	95
12) 1,1-Dichloroethene	4.05	96	78295	3.733 ug/L	94
13) Acetone	4.12	43	38738	6.611 ug/L	99
14) Carbon disulfide	4.38	76	245869	4.119 ug/L	97
15) Methyl Acetate	4.67	43	41081	4.333 ug/L	99
16) Methylene chloride	4.92	84	95989	4.014 ug/L	97
17) Methyl tert-butyl Ether	5.43	73	102009	3.770 ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	84630	3.870 ug/L	95
19) 1,1-Dichloroethane	6.21	63	154017	4.181 ug/L	97
21) 2-Butanone	7.17	43	52242	6.940 ug/L	100
22) cis-1,2-Dichloroethene	7.16	96	86092	3.741 ug/L	96
23) Bromochloromethane	7.51	128	42951	4.252 ug/L	85
25) Chloroform	7.67	83	151560	4.190 ug/L	98
27) 1,2-Dichloroethane	8.40	62	100266	4.578 ug/L	99
30) Cyclohexane	7.95	56	128131	3.523 ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	110051	3.863 ug/L	96
32) Carbon tetrachloride	8.06	117	103675	3.792 ug/L	100
34) Benzene	8.32	78	347563	4.169 ug/L	100
35) Trichloroethene	9.09	95	87677	3.942 ug/L	97
36) Methylcyclohexane	9.34	83	143955	3.610 ug/L	96
40) 1,2-Dichloropropane	9.37	63	90675	4.518 ug/L	99
41) Bromodichloromethane	9.64	83	106715	4.398 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	123907	3.912 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	108297	8.173 ug/L	98

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

44) Toluene	10.38	91	359544	3.955	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	100540	4.014	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	65920	4.470	ug/L	96
47) Tetrachloroethene	10.86	164	73042	3.685	ug/L	96
49) 2-Hexanone	10.97	43	69301	7.254	ug/L	97
50) Dibromochloromethane	11.13	129	71996	4.154	ug/L	99
51) 1,2-Dibromoethane	11.23	107	61278	4.283	ug/L #	95
52) Chlorobenzene	11.65	112	237756	4.172	ug/L	95
53) Ethylbenzene	11.73	91	382993	3.840	ug/L	99
54) m,p-Xylene	11.83	106	144972	3.740	ug/L	100
55) o-xylene	12.16	106	136188	3.752	ug/L	98
56) Styrene	12.18	104	233781	3.812	ug/L	99
57) Isopropylbenzene	12.46	105	356151	3.568	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	81240	4.719	ug/L	90
59) 1,2,3-Trichloropropane	12.77	75	61509	4.750	ug/L	98
62) Bromoform	12.35	173	42335	4.782	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	174426	4.599	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	183253	4.890	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	165333	4.922	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	11593	5.068	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	125026	4.325	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	89909	3.956	ug/L	99
69) Naphthalene	15.36	128	143669	3.558	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	87250	4.350	ug/L	97

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

