

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042820\
 Data File : VW015364.D
 Acq On : 28 Apr 2020 15:57
 Operator : SY/VA
 Sample : VSTD2.501
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.501

Quant Time: Apr 28 16:27:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 28 15:19:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	391661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349092	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	179051	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	7172	3.21	ug/L	0.00
7) Chloroethane-d5	2.89	69	9581	2.89	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	19959	2.92	ug/L	0.00
20) 2-Butanone-d5	7.09	46	4578	5.08	ug/L	0.01
24) Chloroform-d	7.65	84	24277	2.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	12385	2.81	ug/L	0.00
29) Benzene-d6	8.27	84	46222	2.90	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	13079	2.92	ug/L	0.00
37) Toluene-d8	10.32	98	47101	2.89	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	6460	2.77	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	4506	5.38	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	10633	2.80	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	17834	2.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	9011	2.543 ug/L	96
3) Chloromethane	2.21	50	7870	2.771 ug/L	100
5) Vinyl chloride	2.37	62	8432	2.923 ug/L	99
6) Bromomethane	2.78	94	9495	2.843 ug/L	99
8) Chloroethane	2.93	64	7748	2.850 ug/L	93
9) Trichlorofluoromethane	3.26	101	11316	2.827 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	11503	2.588 ug/L	95
12) 1,1-Dichloroethene	4.04	96	11909	2.921 ug/L	82
13) Acetone	4.12	43	5553	7.615 ug/L	100
14) Carbon disulfide	4.38	76	30834	2.900 ug/L	99
15) Methyl Acetate	4.67	43	4314	3.048 ug/L #	64
16) Methylene chloride	4.92	84	16643	3.391 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	18169	2.911 ug/L #	91
18) trans-1,2-Dichloroethene	5.42	96	13026	2.788 ug/L	92
19) 1,1-Dichloroethane	6.21	63	20106	2.765 ug/L	97
21) 2-Butanone	7.18	43	7513	6.813 ug/L #	70
22) cis-1,2-Dichloroethene	7.17	96	13965	2.790 ug/L	97
23) Bromochloromethane	7.52	128	6823	2.879 ug/L	85
25) Chloroform	7.67	83	23251	2.836 ug/L	99
27) 1,2-Dichloroethane	8.40	62	14391	2.748 ug/L	97
30) Cyclohexane	7.95	56	18051	2.809 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	20786	2.908 ug/L	100
32) Carbon tetrachloride	8.07	117	19902	2.914 ug/L	100
34) Benzene	8.32	78	49135	2.864 ug/L	100
35) Trichloroethene	9.09	95	13878	2.803 ug/L	98
36) Methylcyclohexane	9.34	83	23504	2.803 ug/L	98
40) 1,2-Dichloropropane	9.37	63	11302	2.903 ug/L	99
41) Bromodichloromethane	9.65	83	16719	2.778 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	18824	2.733 ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	19683	7.337 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	55547	2.747	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	16315	2.656	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	9343	2.756	ug/L	96
47) Tetrachloroethene	10.86	164	13341	2.823	ug/L	95
49) 2-Hexanone	10.97	43	7904	5.327	ug/L	97
50) Dibromochloromethane	11.13	129	12201	2.701	ug/L	98
51) 1,2-Dibromoethane	11.24	107	9266	2.729	ug/L	99
52) Chlorobenzene	11.66	112	37979	2.815	ug/L	97
53) Ethylbenzene	11.73	91	64156	2.764	ug/L	99
54) m,p-Xylene	11.83	106	25336	2.767	ug/L	94
55) o-xylene	12.16	106	24220	2.774	ug/L	96
56) Styrene	12.18	104	39061	2.637	ug/L	97
57) Isopropylbenzene	12.46	105	65889	2.756	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	10499	2.770	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	7485	2.680	ug/L	100
62) Bromoform	12.35	173	7562	2.650	ug/L #	95
63) 1,3-Dichlorobenzene	13.50	146	30690	2.786	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	31426	2.882	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	28253	2.926	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.48	75	1773	2.731	ug/L	88
67) 1,3,5-Trichlorobenzene	14.63	180	24749	3.008	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	19793	2.887	ug/L	99
69) Naphthalene	15.36	128	31676	2.710	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	16753	2.815	ug/L	95

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

