

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073118\
 Data File : VW004359.D
 Acq On : 31 Jul 2018 15:45
 Operator : SY/AP
 Sample : VSTD00597
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00597

Quant Time: Jul 31 16:57:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 31 16:55:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	305788	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285528	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	148804	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	10542	3.42	ug/L	0.00
7) Chloroethane-d5	2.89	69	13644	6.09	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	29275	3.98	ug/L	0.00
20) 2-Butanone-d5	7.09	46	10960	6.29	ug/L	0.00
24) Chloroform-d	7.65	84	35210	4.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	19779	4.20	ug/L	0.00
29) Benzene-d6	8.27	84	67242	4.44	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	19927	3.96	ug/L	0.00
37) Toluene-d8	10.33	98	64942	4.54	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	10043	4.40	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	8627	6.52	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	20630	4.01	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	27370	4.92	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	13018	6.40	ug/L	95
3) Chloromethane	2.22	50	14112	4.91	ug/L	89
5) Vinyl chloride	2.37	62	14097	3.68	ug/L	97
6) Bromomethane	2.78	94	13530	6.30	ug/L	97
8) Chloroethane	2.93	64	12302	5.97	ug/L	99
9) Trichlorofluoromethane	3.26	101	13874	7.48	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	17260	4.72	ug/L	96
12) 1,1-Dichloroethene	4.03	96	15977	4.52	ug/L	97
13) Acetone	4.13	43	10615	6.03	ug/L	96
14) Carbon disulfide	4.38	76	43217	3.80	ug/L	100
15) Methyl Acetate	4.68	43	9439	3.22	ug/L	98
16) Methylene chloride	4.92	84	24052	5.61	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	27484	3.91	ug/L	96
18) trans-1,2-Dichloroethene	5.42	96	18872	5.07	ug/L	97
19) 1,1-Dichloroethane	6.21	63	31180	4.30	ug/L	100
21) 2-Butanone	7.18	43	14549	6.56	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	21027	5.08	ug/L	97
23) Bromochloromethane	7.51	128	10395	5.30	ug/L	87
25) Chloroform	7.68	83	35914	4.83	ug/L	100
27) 1,2-Dichloroethane	8.41	62	24415	4.46	ug/L	100
30) Cyclohexane	7.95	56	28227	4.47	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	29637	5.14	ug/L	97
32) Carbon tetrachloride	8.07	117	28251	5.04	ug/L	98
34) Benzene	8.33	78	75482	4.60	ug/L	100
35) Trichloroethene	9.09	95	20701	4.79	ug/L	99
36) Methylcyclohexane	9.34	83	35218	4.88	ug/L	95
40) 1,2-Dichloropropane	9.37	63	18587	4.17	ug/L	99
41) Bromodichloromethane	9.65	83	24536	4.46	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	29272	4.52	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	25666	6.46	ug/L	98

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44) Toluene	10.39	91	82860	4.78	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	26553	4.47	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	16470	4.76	ug/L	95
47) Tetrachloroethene	10.87	164	18157	5.26	ug/L	91
49) 2-Hexanone	10.98	43	18967	6.10	ug/L	99
50) Dibromochloromethane	11.13	129	19417	4.92	ug/L	98
51) 1,2-Dibromoethane	11.24	107	15679	4.65	ug/L	94
52) Chlorobenzene	11.66	112	56785	5.14	ug/L	98
53) Ethylbenzene	11.74	91	94493	5.05	ug/L	99
54) m,p-Xylene	11.85	106	36123	5.13	ug/L	94
55) o-xylene	12.17	106	33136	5.03	ug/L	100
56) Styrene	12.19	104	58147	5.09	ug/L	97
57) Isopropylbenzene	12.47	105	95180	5.32	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.72	83	20814	4.22	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	16268	4.29	ug/L	98
62) Bromoform	12.35	173	12926	4.84	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	47489	5.42	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	48700	5.27	ug/L	94
65) 1,2-Dichlorobenzene	13.88	146	44316	5.20	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	3721	3.88	ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	38882	5.74	ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	32485	5.88	ug/L	97
69) Naphthalene	15.38	128	68554	5.40	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	31490	5.89	ug/L	95

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

