

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004402.D
 Acq On : 02 Aug 2018 14:34
 Operator : SY/AP
 Sample : VSTD10093
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10093

Quant Time: Aug 02 14:55:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 14:26:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	1084903	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1026857	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	549827	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	1157784	136.97	ug/L	0.00
7) Chloroethane-d5	2.89	69	1011037	121.08	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	2475016	101.41	ug/L	0.00
20) 2-Butanone-d5	7.09	46	1243550	237.27	ug/L	0.00
24) Chloroform-d	7.65	84	2594780	96.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	1459498	97.18	ug/L	0.00
29) Benzene-d6	8.28	84	5136270	96.85	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	1688176	102.77	ug/L	0.00
37) Toluene-d8	10.33	98	4686659	92.49	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	729750	91.92	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	1040668	246.71	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	1832625	106.80	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	1873003	89.13	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	1127917	113.857	ug/L	93
3) Chloromethane	2.22	50	1495546	159.084	ug/L	99
5) Vinyl chloride	2.37	62	1807327	155.732	ug/L	98
6) Bromomethane	2.78	94	1047669	126.051	ug/L	99
8) Chloroethane	2.92	64	1115686	136.717	ug/L	100
9) Trichlorofluoromethane	3.25	101	897194	92.213	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	1474660	102.814	ug/L	99
12) 1,1-Dichloroethene	4.03	96	1441910	107.054	ug/L	92
13) Acetone	4.14	43	887517	193.550	ug/L	98
14) Carbon disulfide	4.37	76	4391076	110.220	ug/L	100
15) Methyl Acetate	4.67	43	1026407	112.267	ug/L	100
16) Methylene chloride	4.91	84	1532901	89.397	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	2126789	100.532	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	1496981	102.399	ug/L	98
19) 1,1-Dichloroethane	6.21	63	2776672	109.248	ug/L	99
21) 2-Butanone	7.18	43	1440683	230.529	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	1718210	106.636	ug/L	99
23) Bromochloromethane	7.51	128	752008	99.369	ug/L	99
25) Chloroform	7.68	83	2783694	104.100	ug/L	100
27) 1,2-Dichloroethane	8.40	62	1871043	103.591	ug/L	99
30) Cyclohexane	7.96	56	2748225	113.328	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	2102288	93.430	ug/L	99
32) Carbon tetrachloride	8.07	117	2065162	94.236	ug/L	100
34) Benzene	8.32	78	6298663	105.811	ug/L	100
35) Trichloroethene	9.09	95	1594707	100.079	ug/L	99
36) Methylcyclohexane	9.34	83	3030023	106.605	ug/L	99
40) 1,2-Dichloropropane	9.37	63	1648586	110.406	ug/L	100
41) Bromodichloromethane	9.65	83	1995905	103.311	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	2503912	106.903	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	2881319	238.348	ug/L	99

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44) Toluene	10.39	91	6435881	100.540	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	2218210	105.487	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	1266578	102.859	ug/L	98
47) Tetrachloroethene	10.87	164	1228248	89.769	ug/L	98
49) 2-Hexanone	10.98	43	2117094	235.635	ug/L	97
50) Dibromochloromethane	11.13	129	1464645	97.636	ug/L	100
51) 1,2-Dibromoethane	11.24	107	1250441	102.460	ug/L	98
52) Chlorobenzene	11.66	112	4177334	98.038	ug/L	99
53) Ethylbenzene	11.74	91	7382259	101.940	ug/L	98
54) m,p-Xylene	11.85	106	2801741	102.279	ug/L	96
55) o-xylene	12.17	106	2731169	105.562	ug/L	97
56) Styrene	12.19	104	4771966	106.549	ug/L	100
57) Isopropylbenzene	12.47	105	7384258	101.796	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	1875468	110.936	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	1415584	108.755	ug/L	99
62) Bromoform	12.35	173	985018	96.037	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	3346431	94.359	ug/L	98
64) 1,4-Dichlorobenzene	13.59	146	3443619	94.377	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	3232991	96.428	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	343033	103.837	ug/L	99
67) 1,3,5-Trichlorobenzene	14.64	180	2593673	92.246	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	2222787	93.088	ug/L	99
69) Naphthalene	15.38	128	5582117	103.440	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	2081657	94.213	ug/L	100

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

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