

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
 Data File : VW003347.D
 Acq On : 20 Jun 2018 11:20
 Operator : SY/AP
 Sample : VSTD10090
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10090

Quant Time: Jun 20 11:47:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 20 11:34:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	408221	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	384069	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	199315	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	499845	95.48	ug/L	0.00
7) Chloroethane-d5	2.89	69	428654	84.04	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	987031	94.23	ug/L	0.00
20) 2-Butanone-d5	7.09	46	377006	209.60	ug/L	0.00
24) Chloroform-d	7.65	84	915699	85.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	546230	85.19	ug/L	0.00
29) Benzene-d6	8.28	84	1782776	87.70	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	549084	85.38	ug/L	0.00
37) Toluene-d8	10.33	98	1771077	89.71	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	276414	90.69	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	307592	215.37	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	565229	90.66	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	632376	80.58	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	229111	134.88	ug/L	# 85
3) Chloromethane	2.21	50	398963	93.67	ug/L	99
5) Vinyl chloride	2.36	62	607948	91.97	ug/L	100
6) Bromomethane	2.78	94	369908	87.57	ug/L	99
8) Chloroethane	2.92	64	398511	90.14	ug/L	100
9) Trichlorofluoromethane	3.25	101	360847	84.31	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	493349	96.76	ug/L	99
12) 1,1-Dichloroethene	4.03	96	477845	98.88	ug/L	98
13) Acetone	4.14	43	376532	205.24	ug/L	98
14) Carbon disulfide	4.37	76	1493614	95.31	ug/L	99
15) Methyl Acetate	4.68	43	335237	117.31	ug/L	100
16) Methylene chloride	4.91	84	470619	75.57	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	950162	103.49	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	503079	98.98	ug/L	96
19) 1,1-Dichloroethane	6.21	63	930475	100.57	ug/L	99
21) 2-Butanone	7.18	43	488378	234.44	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	557005	103.57	ug/L	97
23) Bromochloromethane	7.51	128	243685	95.45	ug/L	97
25) Chloroform	7.68	83	953811	97.59	ug/L	99
27) 1,2-Dichloroethane	8.40	62	699834	99.69	ug/L	100
30) Cyclohexane	7.96	56	918134	108.05	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	790265	97.64	ug/L	99
32) Carbon tetrachloride	8.07	117	792155	101.89	ug/L	99
34) Benzene	8.33	78	2091516	99.36	ug/L	100
35) Trichloroethene	9.09	95	562839	100.10	ug/L	99
36) Methylcyclohexane	9.34	83	1023094	105.85	ug/L	99
40) 1,2-Dichloropropane	9.37	63	541704	99.98	ug/L	99
41) Bromodichloromethane	9.65	83	715337	101.98	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	878202	105.02	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	981463	238.86	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	2335642	101.97	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	802484	106.65	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	423985	101.59	ug/L	99
47) Tetrachloroethene	10.87	164	468516	99.35	ug/L	99
49) 2-Hexanone	10.98	43	743907	250.71	ug/L	99
50) Dibromochloromethane	11.13	129	530128	104.31	ug/L	97
51) 1,2-Dibromoethane	11.24	107	432411	104.60	ug/L	99
52) Chlorobenzene	11.66	112	1475848	98.66	ug/L	100
53) Ethylbenzene	11.74	91	2728123	105.06	ug/L	99
54) m,p-Xylene	11.85	106	1017431	105.94	ug/L	98
55) o-xylene	12.17	106	990246	108.42	ug/L	100
56) Styrene	12.19	104	1732106	108.84	ug/L	99
57) Isopropylbenzene	12.47	105	2774300	108.82	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	601593	108.88	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	462328	109.86	ug/L	99
62) Bromoform	12.35	173	356476	109.71	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	1186626	100.09	ug/L	100
64) 1,4-Dichlorobenzene	13.59	146	1200219	96.85	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	1106919	98.76	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	115699	120.44	ug/L	86
67) 1,3,5-Trichlorobenzene	14.64	180	902205	97.18	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	762546	100.40	ug/L	99
69) Naphthalene	15.38	128	1688570	117.02	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	694996	98.50	ug/L	99

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

