

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007309.D
 Acq On : 07 Dec 2018 14:58
 Operator : SY/AP
 Sample : VSTD05095
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05095

Quant Time: Dec 07 15:28:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 15:11:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	143576	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	125569	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	61567	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	53742	43.99	ug/L	0.00
7) Chloroethane-d5	2.89	69	41913	47.85	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	171463	53.88	ug/L	0.00
20) 2-Butanone-d5	7.08	46	56841	114.91	ug/L	0.00
24) Chloroform-d	7.65	84	174647	58.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	99513	57.16	ug/L	0.00
29) Benzene-d6	8.27	84	343652	57.60	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	98810	57.80	ug/L	0.00
37) Toluene-d8	10.32	98	327091	51.83	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	51025	61.06	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	48044	119.93	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87069	55.91	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	108713	47.05	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	76887	29.301 ug/L	96
3) Chloromethane	2.22	50	63772	34.796 ug/L	98
5) Vinyl chloride	2.37	62	68593	41.809 ug/L	100
6) Bromomethane	2.79	94	43246	45.948 ug/L	99
8) Chloroethane	2.93	64	37208	42.085 ug/L	98
9) Trichlorofluoromethane	3.26	101	70146	22.820 ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	92858	51.191 ug/L	97
12) 1,1-Dichloroethene	4.03	96	88656	55.469 ug/L	96
13) Acetone	4.12	43	54217	156.451 ug/L	98
14) Carbon disulfide	4.38	76	267451	47.283 ug/L	100
15) Methyl Acetate	4.67	43	50215	58.438 ug/L	# 90
16) Methylene chloride	4.91	84	91850	40.015 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	141415	34.425 ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	93558	52.941 ug/L	100
19) 1,1-Dichloroethane	6.21	63	161711	55.320 ug/L	99
21) 2-Butanone	7.17	43	69808	131.220 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	104479	55.289 ug/L	97
23) Bromochloromethane	7.51	128	47837	58.179 ug/L	96
25) Chloroform	7.67	83	174088	54.892 ug/L	99
27) 1,2-Dichloroethane	8.40	62	123923	58.900 ug/L	99
30) Cyclohexane	7.95	56	152096	55.571 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	148620	57.159 ug/L	100
32) Carbon tetrachloride	8.07	117	145106	61.489 ug/L	98
34) Benzene	8.32	78	371072	57.027 ug/L	100
35) Trichloroethene	9.09	95	105457	59.777 ug/L	98
36) Methylcyclohexane	9.34	83	179404	54.767 ug/L	98
40) 1,2-Dichloropropane	9.37	63	87616	56.136 ug/L	99
41) Bromodichloromethane	9.65	83	130024	63.631 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	156415	63.098 ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	133407	115.512 ug/L	99

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44) Toluene	10.39	91	396701	50.880	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	135348	62.145	ug/L	94
46) 1,1,2-Trichloroethane	10.79	97	71262	57.978	ug/L	97
47) Tetrachloroethene	10.86	164	78415	50.882	ug/L	97
49) 2-Hexanone	10.97	43	95440	122.079	ug/L	99
50) Dibromochloromethane	11.13	129	93786	62.645	ug/L	95
51) 1,2-Dibromoethane	11.24	107	72635	58.318	ug/L #	97
52) Chlorobenzene	11.66	112	246784	48.011	ug/L #	87
53) Ethylbenzene	11.73	91	454358	50.265	ug/L	95
54) m,p-Xylene	11.84	106	164147	46.540	ug/L	71
55) o-xylene	12.17	106	162428	49.660	ug/L	97
56) Styrene	12.18	104	277655	50.199	ug/L	98
57) Isopropylbenzene	12.47	105	434576	47.782	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.72	83	87484	56.011	ug/L #	98
59) 1,2,3-Trichloropropane	12.77	75	68165	55.843	ug/L	98
62) Bromoform	12.35	173	54556	64.716	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	205134	50.632	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	199166	48.874	ug/L	87
65) 1,2-Dichlorobenzene	13.88	146	181569	48.976	ug/L	91
66) 1,2-Dibromo-3-chloropropan	14.49	75	18666	62.088	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	148952	48.954	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	129203	49.951	ug/L	97
69) Naphthalene	15.37	128	318132	57.764	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	114659	50.799	ug/L	99

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

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