

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070618\
 Data File : VW003740.D
 Acq On : 06 Jul 2018 14:32
 Operator : SY/AP
 Sample : VSTD10085
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10085

Manual Integrations
 APPROVED

sam
 7/9/2018 5:01:09 PM

Quant Time: Jul 07 01:16:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 06 11:18:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	380410	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364495	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	190552	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	478001	92.65	ug/L	0.01
7) Chloroethane-d5	2.89	69	361876	84.07	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	1027017	100.25	ug/L	0.00
20) 2-Butanone-d5	7.09	46	349414	214.93	ug/L	0.00
24) Chloroform-d	7.65	84	991785	99.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	593821	99.86	ug/L	0.00
29) Benzene-d6	8.28	84	1928119	99.70	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	622392	101.67	ug/L	0.00
37) Toluene-d8	10.33	98	1900937	102.80	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	305537	106.31	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	288027	230.19	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	582534	102.27	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	699784	97.23	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	406640m	194.62	ug/L	
3) Chloromethane	2.21	50	437245	97.41	ug/L	100
5) Vinyl chloride	2.36	62	638686	98.32	ug/L	98
6) Bromomethane	2.78	94	406364	107.51	ug/L	100
8) Chloroethane	2.92	64	346839	87.63	ug/L	98
9) Trichlorofluoromethane	3.25	101	297278	79.78	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	520158	103.39	ug/L	99
12) 1,1-Dichloroethene	4.03	96	511222	107.51	ug/L	95
13) Acetone	4.14	43	403769	233.01	ug/L	# 69
14) Carbon disulfide	4.37	76	1665802	108.58	ug/L	99
15) Methyl Acetate	4.67	43	312974	110.19	ug/L	98
16) Methylene chloride	4.91	84	520458	99.29	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	1009565	115.07	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	537451	108.47	ug/L	94
19) 1,1-Dichloroethane	6.21	63	989574	107.02	ug/L	99
21) 2-Butanone	7.18	43	488570	239.93	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	588311	111.73	ug/L	98
23) Bromochloromethane	7.51	128	260345	106.88	ug/L	99
25) Chloroform	7.68	83	1007824	106.02	ug/L	100
27) 1,2-Dichloroethane	8.40	62	733911	106.61	ug/L	100
30) Cyclohexane	7.96	56	992752	117.97	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	797416	99.58	ug/L	99
32) Carbon tetrachloride	8.07	117	808189	104.47	ug/L	100
34) Benzene	8.32	78	2254481	108.47	ug/L	100
35) Trichloroethene	9.09	95	592412	105.75	ug/L	99
36) Methylcyclohexane	9.34	83	1087056	113.66	ug/L	99
40) 1,2-Dichloropropane	9.37	63	592678	108.36	ug/L	100
41) Bromodichloromethane	9.65	83	767317	109.14	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	964935	118.21	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	944687	241.75	ug/L	98

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44) Toluene	10.39	91	2469806	109.56	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	867069	117.38	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	443432	108.59	ug/L	99
47) Tetrachloroethene	10.87	164	485177	103.06	ug/L	99
49) 2-Hexanone	10.98	43	759168	260.70	ug/L	99
50) Dibromochloromethane	11.13	129	558775	112.41	ug/L	100
51) 1,2-Dibromoethane	11.24	107	443312	109.25	ug/L	98
52) Chlorobenzene	11.66	112	1568683	107.16	ug/L	97
53) Ethylbenzene	11.74	91	2855061	112.92	ug/L	99
54) m,p-Xylene	11.85	106	1066078	113.53	ug/L	99
55) o-xylene	12.17	106	1030996	115.42	ug/L	100
56) Styrene	12.19	104	1808838	117.29	ug/L	99
57) Isopropylbenzene	12.47	105	2829698	114.18	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	599497	111.37	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	449236	108.89	ug/L	100
62) Bromoform	12.35	173	355820	110.95	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	1241060	105.93	ug/L	96
64) 1,4-Dichlorobenzene	13.59	146	1271767	103.53	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	1173434	104.90	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	105474	107.44	ug/L	93
67) 1,3,5-Trichlorobenzene	14.64	180	954677	104.86	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	813836	109.80	ug/L	100
69) Naphthalene	15.38	128	1791821	129.21	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	747470	110.04	ug/L	99

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

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