

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070818\
 Data File : VW003761.D
 Acq On : 07 Jul 2018 11:10
 Operator : SY/AP
 Sample : VSTD10091
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10091

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:57:21 PM

Quant Time: Jul 09 09:30:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070818S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 09 04:17:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	414255	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	389782	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	199731	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	447428	80.49	ug/L	0.00
7) Chloroethane-d5	2.89	69	401350	94.65	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	1003549	94.87	ug/L	0.00
20) 2-Butanone-d5	7.09	46	357866	203.94	ug/L	0.00
24) Chloroform-d	7.65	84	1024305	90.81	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	606657	89.80	ug/L	0.00
29) Benzene-d6	8.28	84	1953816	94.63	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	642570	95.75	ug/L	0.00
37) Toluene-d8	10.33	98	1885874	96.40	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	308401	100.29	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	291881	227.06	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	591585	94.26	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	691418	91.57	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	175341m	49.76	ug/L	
3) Chloromethane	2.21	50	324451	67.35	ug/L	99
5) Vinyl chloride	2.36	62	526716	74.81	ug/L	99
6) Bromomethane	2.78	94	319860	79.30	ug/L	99
8) Chloroethane	2.92	64	357251	92.32	ug/L	100
9) Trichlorofluoromethane	3.25	101	287128	87.53	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	486825	93.43	ug/L	99
12) 1,1-Dichloroethene	4.03	96	482316	94.56	ug/L	91
13) Acetone	4.14	43	295598	152.26	ug/L	100
14) Carbon disulfide	4.37	76	1553429	93.40	ug/L	100
15) Methyl Acetate	4.68	43	305927	98.65	ug/L	100
16) Methylene chloride	4.90	84	508819	76.62	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	1031609	105.98	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	532772	96.34	ug/L	98
19) 1,1-Dichloroethane	6.21	63	990907	92.09	ug/L	99
21) 2-Butanone	7.18	43	431400	176.74	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	590222	97.30	ug/L	98
23) Bromochloromethane	7.51	128	260915	91.37	ug/L	99
25) Chloroform	7.68	83	1016460	91.04	ug/L	100
27) 1,2-Dichloroethane	8.40	62	737662	90.26	ug/L	99
30) Cyclohexane	7.95	56	956735	105.09	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	805876	92.65	ug/L	99
32) Carbon tetrachloride	8.07	117	791827	93.00	ug/L	100
34) Benzene	8.32	78	2248419	95.73	ug/L	100
35) Trichloroethene	9.09	95	596725	95.50	ug/L	100
36) Methylcyclohexane	9.34	83	1070682	101.90	ug/L	98
40) 1,2-Dichloropropane	9.37	63	600285	96.49	ug/L	99
41) Bromodichloromethane	9.65	83	770926	95.30	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	973620	105.05	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	913046	204.11	ug/L	99

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44) Toluene	10.39	91	2464850	98.18	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	868123	102.49	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	445046	94.08	ug/L	99
47) Tetrachloroethene	10.87	164	481909	93.03	ug/L	99
49) 2-Hexanone	10.98	43	681793	198.00	ug/L	98
50) Dibromochloromethane	11.13	129	556619	98.29	ug/L	98
51) 1,2-Dibromoethane	11.24	107	445351	97.65	ug/L	97
52) Chlorobenzene	11.66	112	1558527	94.37	ug/L	99
53) Ethylbenzene	11.74	91	2847142	100.33	ug/L	100
54) m,p-Xylene	11.85	106	1052289	100.71	ug/L	99
55) o-xylene	12.17	106	1026969	104.08	ug/L	99
56) Styrene	12.19	104	1787866	103.61	ug/L	99
57) Isopropylbenzene	12.47	105	2803515	103.58	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	585987	93.23	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	442276	94.34	ug/L	99
62) Bromoform	12.35	173	344066	96.20	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	1232075	97.57	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	1251731	91.55	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	1148964	93.10	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	103244	92.52	ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	934447	93.91	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	789581	98.80	ug/L	100
69) Naphthalene	15.38	128	1738191	108.65	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	719486	95.30	ug/L	99

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

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