

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070618\
 Data File : VW003739.D
 Acq On : 06 Jul 2018 14:06
 Operator : SY/AP
 Sample : VSTD05084
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05084

Manual Integrations
 APPROVED

sam
 7/9/2018 5:01:03 PM

Quant Time: Jul 07 01:14:40 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	8.84	114	397395	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	379849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	195846	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	241964	44.90	ug/L	0.00
7) Chloroethane-d5	2.89	69	192513	42.81	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	419819	39.23	ug/L	0.00
20) 2-Butanone-d5	7.09	46	164703	96.98	ug/L	0.00
24) Chloroform-d	7.65	84	485119	46.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	291137	46.87	ug/L	0.00
29) Benzene-d6	8.27	84	939323	46.61	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	293523	46.01	ug/L	0.00
37) Toluene-d8	10.33	98	922630	47.88	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	145049	48.43	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	137121	105.16	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	286682	48.30	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	335151	45.31	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	222881m	102.11	ug/L	
3) Chloromethane	2.21	50	246644	52.60	ug/L	99
5) Vinyl chloride	2.36	62	350424	51.64	ug/L	99
6) Bromomethane	2.78	94	198805	50.35	ug/L	99
8) Chloroethane	2.92	64	198334	47.97	ug/L	96
9) Trichlorofluoromethane	3.25	101	166610	42.80	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	227121	43.22	ug/L	99
12) 1,1-Dichloroethene	4.03	96	220906	44.47	ug/L	96
13) Acetone	4.14	43	181494	100.26	ug/L #	69
14) Carbon disulfide	4.37	76	727132	45.37	ug/L	99
15) Methyl Acetate	4.68	43	130958	44.14	ug/L	100
16) Methylene chloride	4.90	84	238662	43.59	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	422939	46.15	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	233937	45.20	ug/L	98
19) 1,1-Dichloroethane	6.21	63	518500	53.68	ug/L	99
21) 2-Butanone	7.18	43	260889	122.64	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	301585	54.83	ug/L	98
23) Bromochloromethane	7.51	128	134685	52.93	ug/L	97
25) Chloroform	7.68	83	530888	53.46	ug/L	99
27) 1,2-Dichloroethane	8.40	62	388689	54.05	ug/L	100
30) Cyclohexane	7.95	56	514595	58.68	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	425243	50.96	ug/L	100
32) Carbon tetrachloride	8.07	117	427018	52.96	ug/L	99
34) Benzene	8.32	78	1176513	54.32	ug/L	100
35) Trichloroethene	9.09	95	310484	53.18	ug/L	100
36) Methylcyclohexane	9.34	83	561779	56.37	ug/L	99
40) 1,2-Dichloropropane	9.37	63	307747	53.99	ug/L	100
41) Bromodichloromethane	9.65	83	396127	54.07	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	486739	57.22	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	491212	120.62	ug/L	99

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44) Toluene	10.39	91	1300600	55.36	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	442682	57.51	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	231479	54.40	ug/L	97
47) Tetrachloroethene	10.87	164	257461	52.48	ug/L	99
49) 2-Hexanone	10.98	43	407047	134.13	ug/L	99
50) Dibromochloromethane	11.13	129	286467	55.30	ug/L	99
51) 1,2-Dibromoethane	11.24	107	230780	54.58	ug/L	100
52) Chlorobenzene	11.66	112	812716	53.28	ug/L	98
53) Ethylbenzene	11.74	91	1491934	56.62	ug/L	99
54) m,p-Xylene	11.85	106	558995	57.12	ug/L	99
55) o-xylene	12.17	106	532998	57.26	ug/L	99
56) Styrene	12.19	104	940519	58.52	ug/L	100
57) Isopropylbenzene	12.47	105	1481664	57.37	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	317658	56.63	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	239273	55.66	ug/L	100
62) Bromoform	12.35	173	181791	55.15	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	643865	53.47	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	665743	52.73	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	610290	53.08	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	56719	56.22	ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	496428	53.05	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	414888	54.46	ug/L	100
69) Naphthalene	15.38	128	928626	65.15	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	385431	55.21	ug/L	99

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

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