

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070618\
 Data File : VW003737.D
 Acq On : 06 Jul 2018 10:21
 Operator : SY/AP
 Sample : VSTD00582
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00582

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:58:21 PM

Quant Time: Jul 06 15:06:40 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	8.85	114	325002	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	314333	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	152898	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	24624	5.59	ug/L	0.00
7) Chloroethane-d5	2.89	69	19605	5.33	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	48866	5.58	ug/L	0.00
20) 2-Butanone-d5	7.09	46	14353	10.33	ug/L	0.00
24) Chloroform-d	7.65	84	49415	5.78	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	29617	5.83	ug/L	0.00
29) Benzene-d6	8.28	84	90329	5.42	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	29895	5.66	ug/L	0.00
37) Toluene-d8	10.33	98	82808	5.19	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	12632	5.10	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	9248	8.57	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	27092	5.52	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	31625	5.48	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12733m	7.13	ug/L	
3) Chloromethane	2.21	50	20232	5.28	ug/L	99
5) Vinyl chloride	2.36	62	28959	5.22	ug/L	98
6) Bromomethane	2.78	94	16858	5.22	ug/L	98
8) Chloroethane	2.92	64	15605	4.61	ug/L	96
9) Trichlorofluoromethane	3.25	101	12451	3.91	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	22933	5.34	ug/L	99
12) 1,1-Dichloroethene	4.03	96	21909	5.39	ug/L	82
13) Acetone	4.15	43	16484	11.13	ug/L #	71
14) Carbon disulfide	4.37	76	71349	5.44	ug/L	99
15) Methyl Acetate	4.68	43	13285	5.47	ug/L	99
16) Methylene chloride	4.92	84	30614	6.84	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	36970	4.93	ug/L	97
18) trans-1,2-Dichloroethene	5.41	96	22377	5.29	ug/L	97
19) 1,1-Dichloroethane	6.21	63	42851	5.42	ug/L	99
21) 2-Butanone	7.19	43	18605	10.69	ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	23433	5.21	ug/L	96
23) Bromochloromethane	7.52	128	11974	5.75	ug/L	87
25) Chloroform	7.68	83	45156	5.56	ug/L	98
27) 1,2-Dichloroethane	8.40	62	33559	5.71	ug/L	99
30) Cyclohexane	7.96	56	30991	4.27	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	35315	5.11	ug/L	99
32) Carbon tetrachloride	8.07	117	33509	5.02	ug/L	97
34) Benzene	8.32	78	95225	5.31	ug/L	100
35) Trichloroethene	9.09	95	25276	5.23	ug/L	99
36) Methylcyclohexane	9.34	83	38877	4.71	ug/L	98
40) 1,2-Dichloropropane	9.37	63	25490	5.40	ug/L	99
41) Bromodichloromethane	9.65	83	32968	5.44	ug/L #	96
42) cis-1,3-Dichloropropene	10.08	75	34547	4.91	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	32932	9.77	ug/L	97

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44) Toluene	10.39	91	98494	5.07	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	31686	4.97	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	19842	5.63	ug/L	95
47) Tetrachloroethene	10.87	164	20879	5.14	ug/L	97
49) 2-Hexanone	10.98	43	23258	9.26	ug/L	99
50) Dibromochloromethane	11.13	129	22446	5.24	ug/L	92
51) 1,2-Dibromoethane	11.24	107	18398	5.26	ug/L #	99
52) Chlorobenzene	11.66	112	66826	5.29	ug/L	98
53) Ethylbenzene	11.74	91	107714	4.94	ug/L	99
54) m,p-Xylene	11.84	106	39653	4.90	ug/L	99
55) o-xylene	12.17	106	36440	4.73	ug/L	99
56) Styrene	12.19	104	63702	4.79	ug/L	99
57) Isopropylbenzene	12.47	105	99003	4.63	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	25595	5.51	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	18737	5.27	ug/L	97
62) Bromoform	12.35	173	13373	5.20	ug/L #	97
63) 1,3-Dichlorobenzene	13.51	146	48297	5.14	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	53823	5.46	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	48213	5.37	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	4360	5.54	ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	38768	5.31	ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	29470	4.96	ug/L	99
69) Naphthalene	15.38	128	51437	4.62	ug/L	98
70) 1,2,3-Trichlorobenzene	15.57	180	28560	5.24	ug/L	99

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

