

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070618\
 Data File : VW003736.D
 Acq On : 06 Jul 2018 09:55
 Operator : SY/AP
 Sample : VSTD2.581
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.581

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:58:20 PM

Quant Time: Jul 06 15:05:36 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	319535	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	315664	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	149460	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	12094	2.79	ug/L	0.00
7) Chloroethane-d5	2.89	69	8584	2.37	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	19151	2.23	ug/L	0.00
20) 2-Butanone-d5	7.09	46	6358	4.66	ug/L	0.00
24) Chloroform-d	7.65	84	23251	2.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	14033	2.81	ug/L	0.00
29) Benzene-d6	8.27	84	41250	2.46	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	13640	2.57	ug/L	0.00
37) Toluene-d8	10.32	98	37148	2.32	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	5880	2.36	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	4108	3.79	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	13057	2.65	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	14931	2.65	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	6608m	3.77	ug/L	
3) Chloromethane	2.21	50	9728	2.58	ug/L	99
5) Vinyl chloride	2.36	62	14691	2.69	ug/L	97
6) Bromomethane	2.78	94	7828	2.47	ug/L	98
8) Chloroethane	2.92	64	7775	2.34	ug/L	97
9) Trichlorofluoromethane	3.25	101	6380	2.04	ug/L	91
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	8884	2.10	ug/L #	66
12) 1,1-Dichloroethene	4.03	96	8948	2.24	ug/L	98
13) Acetone	4.15	43	7680	5.28	ug/L #	97
14) Carbon disulfide	4.37	76	29135	2.26	ug/L #	94
15) Methyl Acetate	4.69	43	5579m	2.34	ug/L	
16) Methylene chloride	4.91	84	17457	3.96	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	17799	2.42	ug/L	95
18) trans-1,2-Dichloroethene	5.42	96	10903	2.62	ug/L	89
19) 1,1-Dichloroethane	6.21	63	20956	2.70	ug/L	99
21) 2-Butanone	7.19	43	9175	5.36	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	11051	2.50	ug/L	95
23) Bromochloromethane	7.51	128	5535	2.71	ug/L	92
25) Chloroform	7.68	83	22219	2.78	ug/L	99
27) 1,2-Dichloroethane	8.40	62	16229	2.81	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	17462	2.52	ug/L	99
32) Carbon tetrachloride	8.07	117	16999	2.54	ug/L	99
34) Benzene	8.32	78	43916	2.44	ug/L	100
35) Trichloroethene	9.09	95	12034	2.48	ug/L	93
36) Methylcyclohexane	9.34	83	17721	2.14	ug/L	94
40) 1,2-Dichloropropane	9.37	63	11857m	2.50	ug/L	
41) Bromodichloromethane	9.65	83	16110	2.65	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	15935	2.25	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	15477	4.57	ug/L #	93
44) Toluene	10.39	91	44338	2.27	ug/L	99

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45) trans-1,3-Dichloropropene	10.61	75	14963	2.34	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	9388	2.65	ug/L	94
47) Tetrachloroethene	10.87	164	10404	2.55	ug/L	96
49) 2-Hexanone	10.98	43	11182	4.43	ug/L	93
50) Dibromochloromethane	11.13	129	10749	2.50	ug/L	97
51) 1,2-Dibromoethane	11.24	107	8573	2.44	ug/L #	89
52) Chlorobenzene	11.66	112	32479	2.56	ug/L	93
53) Ethylbenzene	11.74	91	49084	2.24	ug/L	99
54) m,p-Xylene	11.84	106	16984	2.09	ug/L	99
55) o-xylene	12.17	106	15814	2.04	ug/L	93
56) Styrene	12.18	104	27151	2.03	ug/L	92
58) 1,1,2,2-Tetrachloroethane	12.72	83	12319	2.64	ug/L	90
59) 1,2,3-Trichloropropane	12.77	75	9174	2.57	ug/L	98
62) Bromoform	12.35	173	6665	2.65	ug/L #	95
63) 1,3-Dichlorobenzene	13.51	146	21893	2.38	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	26331	2.73	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	22571	2.57	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	2191	2.85	ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	17901	2.51	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	13539	2.33	ug/L	99
69) Naphthalene	15.38	128	22844	2.10	ug/L	97
70) 1,2,3-Trichlorobenzene	15.57	180	13173	2.47	ug/L	99

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

