

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062119\
 Data File : VW010911.D
 Acq On : 21 Jun 2019 23:50
 Operator : SY/VA
 Sample : VSTD2.506
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.506

Manual Integrations
 APPROVED

MMDadoda
 6/25/2019 12:59:13 AM

Quant Time: Jun 22 05:48:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 05:32:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	349402	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323165	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153811	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	11379	2.29	ug/L	0.00
7) Chloroethane-d5	2.88	69	10291	2.70	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	25505	2.43	ug/L	0.00
20) 2-Butanone-d5	7.08	46	13716	6.49	ug/L	0.00
24) Chloroform-d	7.65	84	28297	3.72	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	18857	3.17	ug/L	0.00
29) Benzene-d6	8.27	84	57132	2.96	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	19388	3.11	ug/L	0.00
37) Toluene-d8	10.32	98	51725	2.98	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	7029	2.53	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	8352	5.60	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	15775	2.96	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	18947	3.23	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	8900m	1.642	ug/L
3) Chloromethane	2.21	50	10564	1.748	ug/L 100
5) Vinyl chloride	2.36	62	9995	1.743	ug/L 85
6) Bromomethane	2.78	94	6388	2.398	ug/L 91
8) Chloroethane	2.92	64	6359	1.916	ug/L 99
9) Trichlorofluoromethane	3.25	101	2843	0.444	ug/L 93
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	8615	1.919	ug/L 97
12) 1,1-Dichloroethene	4.04	96	8181	1.953	ug/L 85
13) Acetone	4.12	43	10548	5.070	ug/L 76
14) Carbon disulfide	4.39	76	21212	1.717	ug/L 99
15) Methyl Acetate	4.67	43	7664	2.132	ug/L # 84
16) Methylene chloride	4.92	84	13062	2.633	ug/L 95
17) Methyl tert-butyl Ether	5.42	73	16373	1.317	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	9831	2.125	ug/L 95
19) 1,1-Dichloroethane	6.20	63	19589	2.044	ug/L 98
21) 2-Butanone	7.18	43	13270	4.486	ug/L 89
22) cis-1,2-Dichloroethene	7.17	96	10650	2.037	ug/L 97
23) Bromochloromethane	7.52	128	4747	2.181	ug/L 85
25) Chloroform	7.67	83	18368	1.719	ug/L 96
27) 1,2-Dichloroethane	8.40	62	15446	2.167	ug/L 100
30) Cyclohexane	7.96	56	19116	1.962	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	12563	1.678	ug/L 98
32) Carbon tetrachloride	8.06	117	11133	1.751	ug/L 97
34) Benzene	8.32	78	43393	2.150	ug/L 100
35) Trichloroethene	9.09	95	10437	2.026	ug/L 98
36) Methylcyclohexane	9.33	83	17682	1.933	ug/L 100
40) 1,2-Dichloropropane	9.37	63	11860	2.110	ug/L # 96
41) Bromodichloromethane	9.65	83	12487	1.897	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	14737	1.716	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	21554	3.956	ug/L 100

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44) Toluene	10.39	91	43234	2.045	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	12868	1.785	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	8010	2.003	ug/L	97
47) Tetrachloroethene	10.86	164	7550	1.964	ug/L	97
49) 2-Hexanone	10.97	43	14805	3.740	ug/L	98
50) Dibromochloromethane	11.13	129	7634	1.734	ug/L	100
51) 1,2-Dibromoethane	11.23	107	8093	2.094	ug/L	93
52) Chlorobenzene	11.66	112	27760	2.120	ug/L	98
53) Ethylbenzene	11.73	91	48101	2.000	ug/L	98
54) m,p-Xylene	11.84	106	17281	1.986	ug/L	98
55) o-xylene	12.16	106	17383	2.060	ug/L	96
56) Styrene	12.18	104	27891	1.899	ug/L	98
57) Isopropylbenzene	12.46	105	43799	1.910	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	10424	1.946	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	8710	2.059	ug/L	97
62) Bromoform	12.35	173	4427	1.721	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	20818	2.103	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	22249	2.211	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	19705	2.114	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	1983	2.015	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	16505	2.194	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	13931	2.217	ug/L	99
69) Naphthalene	15.37	128	29858	2.213	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	13183	2.318	ug/L	97

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

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