

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
 Data File : VW010921.D
 Acq On : 24 Jun 2019 08:28
 Operator : SY/VA
 Sample : VSTD2.502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.502

Manual Integrations
 APPROVED

MMDadoda
 6/25/2019 3:19:27 PM

Quant Time: Jun 24 10:12:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 24 10:06:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	412046	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364733	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175201	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	14391	2.86	ug/L	0.00
7) Chloroethane-d5	2.89	69	11344	2.74	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	32980	2.84	ug/L	0.00
20) 2-Butanone-d5	7.08	46	11559	4.11	ug/L	0.00
24) Chloroform-d	7.65	84	29841	2.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	18031	2.41	ug/L	0.00
29) Benzene-d6	8.27	84	60222	2.75	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	19664	2.65	ug/L	0.00
37) Toluene-d8	10.32	98	52993	2.67	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	7973	2.59	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	7598	4.35	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	14898	2.35	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	17392	2.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	12462	2.315 ug/L	100
3) Chloromethane	2.21	50	14163	2.275 ug/L	98
5) Vinyl chloride	2.35	62	17654	2.788 ug/L	96
6) Bromomethane	2.77	94	9141	2.639 ug/L	99
8) Chloroethane	2.92	64	9185	2.530 ug/L	85
9) Trichlorofluoromethane	3.25	101	5859	3.099 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	14466m	2.831 ug/L	
12) 1,1-Dichloroethene	4.04	96	14227	2.803 ug/L	92
13) Acetone	4.12	43	13082	6.161 ug/L	96
14) Carbon disulfide	4.39	76	39813	2.765 ug/L	100
15) Methyl Acetate	4.67	43	9040	2.075 ug/L #	89
16) Methylene chloride	4.92	84	15949m	2.541 ug/L	
17) Methyl tert-butyl Ether	5.43	73	22586	2.559 ug/L #	86
18) trans-1,2-Dichloroethene	5.42	96	14184	2.592 ug/L	98
19) 1,1-Dichloroethane	6.21	63	29105	2.609 ug/L	95
21) 2-Butanone	7.17	43	14715	4.539 ug/L	78
22) cis-1,2-Dichloroethene	7.17	96	15010	2.482 ug/L	96
23) Bromochloromethane	7.51	128	6580	2.503 ug/L	86
25) Chloroform	7.67	83	27122	2.577 ug/L	98
27) 1,2-Dichloroethane	8.40	62	20684	2.433 ug/L	96
30) Cyclohexane	7.95	56	30135	2.890 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	20211	2.966 ug/L	98
32) Carbon tetrachloride	8.07	117	18351	2.915 ug/L	98
34) Benzene	8.32	78	61424	2.743 ug/L	100
35) Trichloroethene	9.09	95	15464	2.788 ug/L	99
36) Methylcyclohexane	9.34	83	27610	2.844 ug/L	98
40) 1,2-Dichloropropane	9.37	63	16800	2.683 ug/L	99
41) Bromodichloromethane	9.64	83	18639	2.587 ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	23456	2.551 ug/L	91
43) 4-Methyl-2-pentanone	10.21	43	28870	4.781 ug/L	99

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44) Toluene	10.39	91	62813	2.702	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	18989	2.462	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	11050	2.522	ug/L	96
47) Tetrachloroethene	10.86	164	11815	2.892	ug/L	97
49) 2-Hexanone	10.97	43	19677	4.629	ug/L	98
50) Dibromochloromethane	11.13	129	11419	2.448	ug/L	98
51) 1,2-Dibromoethane	11.24	107	10395	2.409	ug/L	100
52) Chlorobenzene	11.66	112	37644	2.626	ug/L	98
53) Ethylbenzene	11.73	91	70153	2.693	ug/L	97
54) m,p-Xylene	11.84	106	25314	2.670	ug/L	97
55) o-xylene	12.16	106	23710	2.545	ug/L	95
56) Styrene	12.18	104	40491	2.531	ug/L	99
57) Isopropylbenzene	12.46	105	64563	2.649	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	13762	2.368	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	10860	2.353	ug/L	95
62) Bromoform	12.35	173	6358	2.401	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	28566	2.634	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	28607	2.584	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	26343	2.570	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	2447	2.329	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	21428	2.610	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	17327	2.427	ug/L	98
69) Naphthalene	15.37	128	33527	2.091	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	15809	2.383	ug/L	99

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

