

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
 Data File : VW010924.D
 Acq On : 24 Jun 2019 09:49
 Operator : SY/VA
 Sample : VSTD05005
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05005

Quant Time: Jun 24 10:17:02 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	385048	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349614	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171039	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	247327	52.57	ug/L	0.00
7) Chloroethane-d5	2.88	69	194126	50.14	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	586080	53.97	ug/L	0.00
20) 2-Butanone-d5	7.07	46	240014	91.29	ug/L	0.00
24) Chloroform-d	7.65	84	503820	46.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	315524	45.15	ug/L	0.00
29) Benzene-d6	8.27	84	1019668	48.64	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	337438	47.38	ug/L	0.00
37) Toluene-d8	10.32	98	932048	48.98	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	157316	53.40	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	161234	96.35	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	288777	47.51	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	315609	46.40	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	296770	58.986	ug/L 96
3) Chloromethane	2.21	50	305265	52.475	ug/L 99
5) Vinyl chloride	2.36	62	357027	60.344	ug/L 100
6) Bromomethane	2.78	94	171575	53.007	ug/L 99
8) Chloroethane	2.92	64	192108	56.629	ug/L 100
9) Trichlorofluoromethane	3.25	101	126191	71.435	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	271029	56.767	ug/L 100
12) 1,1-Dichloroethene	4.04	96	271342	57.216	ug/L 95
13) Acetone	4.12	43	205806	103.722	ug/L 98
14) Carbon disulfide	4.39	76	841237	62.509	ug/L 100
15) Methyl Acetate	4.67	43	204701	50.272	ug/L 99
16) Methylene chloride	4.92	84	278419	47.460	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	421901	51.145	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	271155	53.030	ug/L 99
19) 1,1-Dichloroethane	6.21	63	549747	52.731	ug/L 100
21) 2-Butanone	7.17	43	287403	94.871	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	291729	51.614	ug/L 99
23) Bromochloromethane	7.51	128	122853	50.017	ug/L 98
25) Chloroform	7.67	83	500810	50.924	ug/L 100
27) 1,2-Dichloroethane	8.40	62	397934	50.084	ug/L 100
30) Cyclohexane	7.95	56	581982	58.228	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	382651	58.580	ug/L 99
32) Carbon tetrachloride	8.07	117	365590	60.592	ug/L 99
34) Benzene	8.32	78	1138732	53.056	ug/L 100
35) Trichloroethene	9.09	95	289517	54.459	ug/L 100
36) Methylcyclohexane	9.34	83	536532	57.652	ug/L 100
40) 1,2-Dichloropropane	9.37	63	312408	52.042	ug/L 99
41) Bromodichloromethane	9.65	83	378154	54.766	ug/L 96
42) cis-1,3-Dichloropropene	10.07	75	505345	57.337	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	607457	104.956	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Toluene	10.39	91	1201351	53.914	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	423391	57.278	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	218093	51.932	ug/L	99
47) Tetrachloroethene	10.86	164	216878	55.385	ug/L	96
49) 2-Hexanone	10.97	43	428939	105.283	ug/L	100
50) Dibromochloromethane	11.13	129	248591	55.596	ug/L	97
51) 1,2-Dibromoethane	11.23	107	215380	52.075	ug/L	100
52) Chlorobenzene	11.66	112	724753	52.751	ug/L	99
53) Ethylbenzene	11.73	91	1360416	54.478	ug/L	99
54) m,p-Xylene	11.84	106	495157	54.495	ug/L	98
55) o-xylene	12.16	106	472377	52.901	ug/L	97
56) Styrene	12.18	104	829392	54.087	ug/L	100
57) Isopropylbenzene	12.46	105	1297012	55.516	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	292056	52.425	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	225913	51.055	ug/L	99
62) Bromoform	12.35	173	145657	56.344	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	550360	51.975	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	557900	51.615	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	516627	51.630	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	56534	55.129	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	424157	52.913	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	370916	53.224	ug/L	99
69) Naphthalene	15.37	128	837319	53.495	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	332384	51.314	ug/L	99

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

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