

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
 Data File : VW010923.D
 Acq On : 24 Jun 2019 09:22
 Operator : SY/VA
 Sample : VSTD02504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02504

Quant Time: Jun 24 10:05:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 24 08:40:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	410963	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	375008	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184266	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128291	25.55	ug/L	0.00
7) Chloroethane-d5	2.89	69	98687	23.88	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	309265	26.68	ug/L	0.00
20) 2-Butanone-d5	7.08	46	112203	39.99	ug/L	0.00
24) Chloroform-d	7.65	84	266076	23.21	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	163372	21.91	ug/L	0.00
29) Benzene-d6	8.27	84	536462	23.86	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	177286	23.20	ug/L	0.00
37) Toluene-d8	10.32	98	488713	23.95	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	78577	24.86	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	75554	42.09	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144490	22.16	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	165666	22.61	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	160491	29.888 ug/L	96
3) Chloromethane	2.21	50	147437	23.746 ug/L	100
5) Vinyl chloride	2.37	62	195994	31.038 ug/L	97
6) Bromomethane	2.78	94	92819	26.868 ug/L	100
8) Chloroethane	2.92	64	102182	28.221 ug/L	98
9) Trichlorofluoromethane	3.25	101	61784	32.769 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	150687	29.571 ug/L	98
12) 1,1-Dichloroethene	4.04	96	149083	29.454 ug/L	97
13) Acetone	4.12	43	105740	49.930 ug/L	99
14) Carbon disulfide	4.39	76	452153	31.479 ug/L	100
15) Methyl Acetate	4.67	43	99520	22.900 ug/L	100
16) Methylene chloride	4.92	84	152268	24.319 ug/L	97
17) Methyl tert-butyl Ether	5.42	73	228366	25.938 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	147652	27.055 ug/L	98
19) 1,1-Dichloroethane	6.21	63	301335	27.081 ug/L	99
21) 2-Butanone	7.17	43	145848	45.108 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	160183	26.553 ug/L	96
23) Bromochloromethane	7.51	128	66527	25.377 ug/L	95
25) Chloroform	7.67	83	277009	26.391 ug/L	100
27) 1,2-Dichloroethane	8.40	62	213981	25.233 ug/L	99
30) Cyclohexane	7.95	56	321317	29.971 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	208485	29.756 ug/L	99
32) Carbon tetrachloride	8.07	117	199523	30.829 ug/L	100
34) Benzene	8.32	78	629300	27.335 ug/L	100
35) Trichloroethene	9.09	95	158391	27.776 ug/L	99
36) Methylcyclohexane	9.34	83	294455	29.498 ug/L	100
40) 1,2-Dichloropropane	9.37	63	172136	26.733 ug/L	100
41) Bromodichloromethane	9.64	83	204864	27.660 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	269782	28.537 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	302310	48.696 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	656839	27.481	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	223543	28.194	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	115249	25.584	ug/L	98
47) Tetrachloroethene	10.86	164	119519	28.455	ug/L	98
49) 2-Hexanone	10.97	43	217212	49.704	ug/L	100
50) Dibromochloromethane	11.13	129	130418	27.192	ug/L	99
51) 1,2-Dibromoethane	11.24	107	111717	25.182	ug/L	100
52) Chlorobenzene	11.66	112	391955	26.596	ug/L	100
53) Ethylbenzene	11.73	91	745270	27.824	ug/L	99
54) m,p-Xylene	11.84	106	270724	27.777	ug/L	98
55) o-xylene	12.16	106	260641	27.212	ug/L	99
56) Styrene	12.18	104	449468	27.326	ug/L	99
57) Isopropylbenzene	12.46	105	708924	28.289	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	150861	25.246	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	115563	24.348	ug/L	99
62) Bromoform	12.35	173	72388	25.991	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	305244	26.758	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	300748	25.827	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	281557	26.118	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	27244	24.660	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	234970	27.208	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	202500	26.971	ug/L	99
69) Naphthalene	15.37	128	425776	25.250	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	183716	26.327	ug/L	99

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

