

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093019\
 Data File : VV013015.D
 Acq On : 30 Sep 2019 12:53
 Operator : SY/MD
 Sample : VSTD10066
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10066

Quant Time: Sep 30 14:06:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 30 13:59:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	826999	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	821371	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	446046	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	997593	84.32	ug/L	0.00
7) Chloroethane-d5	1.58	69	854008	86.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	1736125	85.21	ug/L	0.00
21) 2-Butanone-d5	3.94	46	933872	275.28	ug/L	0.00
24) Chloroform-d	4.40	84	1992708	89.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	1148836	90.65	ug/L	0.00
32) Benzene-d6	5.10	84	4040194	89.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	1288164	90.70	ug/L	0.00
41) Toluene-d8	7.36	98	3815566	92.22	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	599824	100.63	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	719647	240.34	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.26	84	1305091	98.24	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	1560930	90.75	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	935511	105.584	ug/L 99
3) Chloromethane	1.25	50	1105033	97.952	ug/L 100
5) Vinyl chloride	1.32	62	1110857	95.575	ug/L 100
6) Bromomethane	1.54	94	701818	93.996	ug/L 97
8) Chloroethane	1.60	64	684452	93.170	ug/L 99
9) Trichlorofluoromethane	1.77	101	1342312	85.262	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	917094	90.882	ug/L 98
12) 1,1-Dichloroethene	2.14	96	860432	90.784	ug/L 90
13) Acetone	2.22	43	796506	180.911	ug/L 100
14) Carbon disulfide	2.32	76	2772143	95.300	ug/L 99
15) Methyl Acetate	2.47	43	733531	107.959	ug/L 100
16) Methylene chloride	2.53	84	1131084	83.507	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	1045949	93.616	ug/L 99
18) Methyl tert-butyl Ether	2.80	73	2841856	101.117	ug/L 100
19) 1,1-Dichloroethane	3.23	63	1913901	93.339	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	1214919	97.770	ug/L 99
22) 2-Butanone	4.03	43	1085052	284.718	ug/L 98
23) Bromochloromethane	4.30	128	578937	95.031	ug/L 98
25) Chloroform	4.42	83	1961784	91.766	ug/L 98
27) 1,2-Dichloroethane	5.18	62	1409224	95.892	ug/L 99
29) Cyclohexane	4.72	56	1790288	99.008	ug/L 99
30) 1,1,1-Trichloroethane	4.66	97	1575002	93.878	ug/L 99
31) Carbon tetrachloride	4.87	117	1412500	93.527	ug/L 99
33) Benzene	5.14	78	4407861	93.863	ug/L 100
34) Trichloroethene	5.96	95	1180505	92.795	ug/L 99
35) Methylcyclohexane	6.17	83	1933374	96.826	ug/L 98
37) 1,2-Dichloropropane	6.22	63	1162562	96.483	ug/L 99
38) Bromodichloromethane	6.55	83	1512598	96.167	ug/L 98
39) cis-1,3-Dichloropropene	7.07	75	1897826	104.603	ug/L 98
40) 4-Methyl-2-pentanone	7.27	43	2132420	221.431	ug/L 99

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42) Toluene	7.43	91	4754128	95.187	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	1597994	107.268	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	986838	96.545	ug/L	100
46) Tetrachloroethene	8.02	164	968898	92.049	ug/L	98
48) 2-Hexanone	8.18	43	1619724	230.986	ug/L	100
49) Dibromochloromethane	8.29	129	1188648	101.980	ug/L	99
50) 1,2-Dibromoethane	8.39	107	1013746	100.531	ug/L	98
51) Chlorobenzene	8.92	112	3202596	94.535	ug/L	100
52) Ethylbenzene	9.05	91	5364088	97.765	ug/L	98
53) m,p-Xylene	9.18	106	2108722	100.543	ug/L	99
54) o-Xylene	9.59	106	2051911	102.260	ug/L	95
55) Styrene	9.60	104	3619164	103.022	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.28	83	1279604	102.670	ug/L	98
59) Bromoform	9.77	173	802668	105.063	ug/L	99
60) Isopropylbenzene	9.97	105	5264873	97.940	ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	1010392	99.517	ug/L	99
62) 1,3,5-Trimethylbenzene	10.58	105	4503099	103.969	ug/L	99
63) 1,2,4-Trimethylbenzene	10.95	105	4502452	103.518	ug/L	98
64) 1,3-Dichlorobenzene	11.22	146	2667647	94.546	ug/L	99
65) 1,4-Dichlorobenzene	11.32	146	2712963	91.558	ug/L	99
67) 1,2-Dichlorobenzene	11.69	146	2541534	94.340	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	241188	109.523	ug/L	96
69) 1,3,5-Trichlorobenzene	12.69	180	2172046	95.615	ug/L	100
70) 1,2,4-trichlorobenzene	13.31	180	1985311	101.070	ug/L	99
71) Naphthalene	13.55	128	4431213	115.809	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	1881210	99.291	ug/L	99

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

