

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012932.D
 Acq On : 23 Sep 2019 11:55
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

Quant Time: Sep 23 12:17:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 23 11:20:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	800058	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	808104	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	440344	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1128436	99.62	ug/L	0.00
7) Chloroethane-d5	1.58	69	904532	96.97	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	1866663	98.28	ug/L	0.00
20) 2-Butanone-d5	3.94	46	937792	242.93	ug/L	0.00
24) Chloroform-d	4.40	84	2072184	108.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	1216222	114.09	ug/L	0.00
29) Benzene-d6	5.10	84	4250097	103.34	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	1350959	107.59	ug/L	0.00
37) Toluene-d8	7.36	98	4042962	108.26	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	634306	121.36	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	695915	290.05	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	1340736	115.88	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	1639439	108.15	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	946883	106.926 ug/L	99
3) Chloromethane	1.25	50	1127785	97.577 ug/L	100
5) Vinyl chloride	1.32	62	1122824	97.722 ug/L	99
6) Bromomethane	1.54	94	706593	100.935 ug/L	100
8) Chloroethane	1.60	64	660635	91.880 ug/L	99
9) Trichlorofluoromethane	1.77	101	1400642	91.932 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	923268	96.202 ug/L	98
12) 1,1-Dichloroethene	2.14	96	866785	95.713 ug/L	92
13) Acetone	2.21	43	885483	177.734 ug/L	100
14) Carbon disulfide	2.32	76	2868932	99.539 ug/L	99
15) Methyl Acetate	2.46	43	744762	112.202 ug/L	99
16) Methylene chloride	2.53	84	1121517	61.790 ug/L	99
17) Methyl tert-butyl Ether	2.80	73	2876501	116.393 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	1056289	100.003 ug/L	99
19) 1,1-Dichloroethane	3.23	63	1924515	101.129 ug/L	100
21) 2-Butanone	4.03	43	1159746	203.258 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	1208596	108.050 ug/L	99
23) Bromochloromethane	4.30	128	589197	111.859 ug/L	100
25) Chloroform	4.42	83	1985372	103.301 ug/L	100
27) 1,2-Dichloroethane	5.18	62	1449094	108.121 ug/L	100
30) Cyclohexane	4.72	56	1832595	97.661 ug/L	99
31) 1,1,1-Trichloroethane	4.66	97	1572997	95.915 ug/L	98
32) Carbon tetrachloride	4.87	117	1417302	96.631 ug/L	100
34) Benzene	5.14	78	4424404	96.981 ug/L	100
35) Trichloroethene	5.96	95	1182479	95.306 ug/L	100
36) Methylcyclohexane	6.17	83	1993160	98.629 ug/L	99
40) 1,2-Dichloropropane	6.22	63	1175838	103.308 ug/L	99
41) Bromodichloromethane	6.55	83	1527440	106.050 ug/L	100
42) cis-1,3-Dichloropropene	7.07	75	1932942	114.115 ug/L	98
43) 4-Methyl-2-pentanone	7.27	43	2151100	231.435 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	4829375	100.135	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	1619397	116.162	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	996762	106.447	ug/L	99
47) Tetrachloroethene	8.02	164	985976	97.349	ug/L	100
49) 2-Hexanone	8.18	43	1685964	223.150	ug/L	98
50) Dibromochloromethane	8.29	129	1201954	113.198	ug/L	99
51) 1,2-Dibromoethane	8.39	107	1027432	111.332	ug/L	99
52) Chlorobenzene	8.92	112	3233565	100.191	ug/L	99
53) Ethylbenzene	9.05	91	5423165	101.362	ug/L	98
54) m,p-Xylene	9.18	106	2124585	104.998	ug/L	97
55) o-xylene	9.59	106	2085394	109.367	ug/L	96
56) Styrene	9.60	104	3661875	110.806	ug/L	99
57) Isopropylbenzene	9.97	105	5330163	104.701	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	1309101	110.503	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	1033376	108.132	ug/L	100
62) Bromoform	9.77	173	809561	116.435	ug/L	99
63) 1,3-Dichlorobenzene	11.22	146	2712531	100.691	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	2732221	97.639	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	2594598	102.468	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	244007	111.893	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	2213733	103.555	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	2023777	109.139	ug/L	100
69) Naphthalene	13.55	128	4502645	119.966	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	1923969	106.711	ug/L	99

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

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