

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030519\
 Data File : VV009486.D
 Acq On : 05 Mar 2019 11:50
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.00G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05063

Quant Time: Mar 05 12:13:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 05 11:49:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	167891	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	160604	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79130	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102204	48.39	ug/L	0.00
7) Chloroethane-d5	1.58	69	131036	47.71	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	263504	47.17	ug/L	0.00
20) 2-Butanone-d5	3.95	46	68863	108.21	ug/L	0.00
24) Chloroform-d	4.40	84	197845	48.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	114313	50.74	ug/L	0.00
29) Benzene-d6	5.10	84	399563	46.80	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	116925	46.73	ug/L	0.00
37) Toluene-d8	7.36	98	395974	48.35	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	59753	47.78	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	56247	106.22	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	122942	50.31	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	138060	47.10	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	96564	45.437 ug/L	100
3) Chloromethane	1.25	50	103369	45.824 ug/L	100
5) Vinyl chloride	1.32	62	115283	45.999 ug/L	100
6) Bromomethane	1.53	94	141629	52.544 ug/L	100
8) Chloroethane	1.59	64	115201	53.907 ug/L	98
9) Trichlorofluoromethane	1.76	101	234569	46.416 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	133516	47.616 ug/L	96
12) 1,1-Dichloroethene	2.14	96	112235	46.550 ug/L	84
13) Acetone	2.20	43	65595	90.160 ug/L	99
14) Carbon disulfide	2.32	76	297292	47.457 ug/L	100
15) Methyl Acetate	2.46	43	53134	55.271 ug/L	95
16) Methylene chloride	2.54	84	98514	43.321 ug/L	100
17) Methyl tert-butyl Ether	2.81	73	255817	48.760 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	102217	48.778 ug/L	97
19) 1,1-Dichloroethane	3.23	63	181094	48.645 ug/L	98
21) 2-Butanone	4.03	43	86660	95.584 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	116011	49.241 ug/L	99
23) Bromochloromethane	4.30	128	52421	49.579 ug/L	93
25) Chloroform	4.43	83	197258	48.690 ug/L	98
27) 1,2-Dichloroethane	5.18	62	138116	49.284 ug/L	98
30) Cyclohexane	4.73	56	173120	45.505 ug/L	95
31) 1,1,1-Trichloroethane	4.66	97	181073	47.472 ug/L	98
32) Carbon tetrachloride	4.88	117	158834	48.825 ug/L	99
34) Benzene	5.15	78	421192	47.037 ug/L	100
35) Trichloroethene	5.96	95	118573	47.837 ug/L	97
36) Methylcyclohexane	6.18	83	198872	45.951 ug/L	97
40) 1,2-Dichloropropane	6.22	63	108800	48.909 ug/L	99
41) Bromodichloromethane	6.56	83	152193	48.109 ug/L	96
42) cis-1,3-Dichloropropene	7.07	75	176464	49.924 ug/L	100
43) 4-Methyl-2-pentanone	7.28	43	162260	102.022 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	479285	47.856	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	154562	48.233	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	90842	49.438	ug/L	95
47) Tetrachloroethene	8.02	164	90201	49.130	ug/L	94
49) 2-Hexanone	8.19	43	128452	96.728	ug/L	98
50) Dibromochloromethane	8.29	129	112105	48.775	ug/L	99
51) 1,2-Dibromoethane	8.40	107	92043	49.758	ug/L	99
52) Chlorobenzene	8.93	112	309881	47.769	ug/L	100
53) Ethylbenzene	9.06	91	541451	47.269	ug/L	98
54) m,p-Xylene	9.18	106	210633	47.205	ug/L	96
55) o-xylene	9.59	106	201780	47.696	ug/L	99
56) Styrene	9.60	104	341782	48.165	ug/L	99
57) Isopropylbenzene	9.98	105	550426	47.623	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	127229	50.918	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	91330	51.319	ug/L	99
62) Bromoform	9.77	173	67346	47.409	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	242478	47.737	ug/L	100
64) 1,4-Dichlorobenzene	11.32	146	243260	47.980	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	226795	47.522	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	24491	51.974	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	173958	48.502	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	144600	51.934	ug/L	99
69) Naphthalene	13.55	128	323016	57.296	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	133487	51.720	ug/L	98

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

