

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031319\
 Data File : VV009634.D
 Acq On : 13 Mar 2019 11:53
 Operator : SY/MD
 Sample : VSTD05081
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05081

Quant Time: Mar 13 12:18:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 13 11:58:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160037	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	156896	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76801	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101209	52.54	ug/L	0.00
7) Chloroethane-d5	1.57	69	100257	35.99	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	273267	54.51	ug/L	0.00
20) 2-Butanone-d5	3.93	46	62066	94.54	ug/L	0.00
24) Chloroform-d	4.40	84	209776	55.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	122994	56.71	ug/L	0.00
29) Benzene-d6	5.10	84	423788	54.54	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	126582	55.20	ug/L	0.00
37) Toluene-d8	7.36	98	425830	56.21	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	61080	54.96	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	49427	92.36	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	125252	51.25	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	154071	54.95	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	119565	64.886	ug/L	100
3) Chloromethane	1.25	50	104172	53.044	ug/L	99
5) Vinyl chloride	1.32	62	113609	52.473	ug/L	100
6) Bromomethane	1.51	94	119654	44.393	ug/L	100
8) Chloroethane	1.59	64	79912	33.214	ug/L	100
9) Trichlorofluoromethane	1.76	101	238484	53.697	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	133019	53.489	ug/L	99
12) 1,1-Dichloroethene	2.14	96	116501	54.754	ug/L	98
13) Acetone	2.19	43	71806	107.583	ug/L	99
14) Carbon disulfide	2.31	76	291174	53.991	ug/L	100
15) Methyl Acetate	2.46	43	47459	43.908	ug/L	98
16) Methylene chloride	2.53	84	103834	49.438	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	258577	54.270	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	106295	55.617	ug/L	95
19) 1,1-Dichloroethane	3.23	63	183475	54.483	ug/L	97
21) 2-Butanone	4.01	43	87086	103.382	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	119812	55.530	ug/L	95
23) Bromochloromethane	4.30	128	55532	55.818	ug/L	99
25) Chloroform	4.42	83	212421	56.523	ug/L	99
27) 1,2-Dichloroethane	5.18	62	146412	56.095	ug/L	98
30) Cyclohexane	4.73	56	172318	51.751	ug/L	100
31) 1,1,1-Trichloroethane	4.66	97	180767	51.539	ug/L	98
32) Carbon tetrachloride	4.87	117	160525	54.135	ug/L	100
34) Benzene	5.15	78	437223	53.931	ug/L	100
35) Trichloroethene	5.96	95	120938	51.908	ug/L	100
36) Methylcyclohexane	6.18	83	193089	50.874	ug/L	98
40) 1,2-Dichloropropane	6.22	63	104210	49.853	ug/L	99
41) Bromodichloromethane	6.55	83	155676	55.175	ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	175965	54.223	ug/L	100
43) 4-Methyl-2-pentanone	7.27	43	148952	90.394	ug/L	98

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44) Toluene	7.43	91	503697	54.965	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	154385	54.472	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	91616	52.755	ug/L	98
47) Tetrachloroethene	8.02	164	94941	53.726	ug/L	98
49) 2-Hexanone	8.18	43	126536	101.552	ug/L	97
50) Dibromochloromethane	8.29	129	114854	54.627	ug/L	97
51) 1,2-Dibromoethane	8.40	107	95312	53.119	ug/L	97
52) Chlorobenzene	8.93	112	327302	53.885	ug/L	99
53) Ethylbenzene	9.05	91	570910	54.443	ug/L	97
54) m,p-Xylene	9.18	106	220487	55.553	ug/L	100
55) o-xylene	9.59	106	216749	56.635	ug/L	98
56) Styrene	9.60	104	363533	57.738	ug/L	98
57) Isopropylbenzene	9.98	105	571630	54.151	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	125194	51.054	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	87678	49.600	ug/L	98
62) Bromoform	9.78	173	64130	51.457	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	252922	52.722	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	253280	51.667	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	239705	53.579	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	18985	42.368	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	177479	51.577	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	140565	51.021	ug/L	99
69) Naphthalene	13.55	128	262464	45.229	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	130808	51.610	ug/L	98

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

