

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021319\
 Data File : VV009294.D
 Acq On : 13 Feb 2019 14:44
 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: Feb 13 15:04:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM021319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 13 14:20:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	308828	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	307901	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	160038	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	439018	83.16	ug/L	0.00
7) Chloroethane-d5	1.56	69	342983	101.93	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	882351	81.31	ug/L	0.00
20) 2-Butanone-d5	3.93	46	387689	163.91	ug/L	0.00
24) Chloroform-d	4.40	84	897112	94.22	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	541879	96.43	ug/L	0.00
29) Benzene-d6	5.10	84	1770507	92.60	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	556398	93.61	ug/L	0.00
37) Toluene-d8	7.36	98	1708794	98.55	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	279710	105.74	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	281837	195.44	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	561556	95.68	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.68	152	619379	98.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	415037	72.397 ug/L	99
3) Chloromethane	1.25	50	481693	77.962 ug/L	100
5) Vinyl chloride	1.32	62	471530	76.505 ug/L	97
6) Bromomethane	1.51	94	195308	66.386 ug/L	97
8) Chloroethane	1.58	64	279159	84.652 ug/L	97
9) Trichlorofluoromethane	1.76	101	681636	79.776 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	383904	77.911 ug/L	98
12) 1,1-Dichloroethene	2.14	96	340187	75.689 ug/L	88
13) Acetone	2.19	43	424517	126.447 ug/L	100
14) Carbon disulfide	2.31	76	1370197	79.635 ug/L	100
15) Methyl Acetate	2.46	43	302574	74.336 ug/L	99
16) Methylene chloride	2.53	84	443322	68.290 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	1132922	93.376 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	420717	82.274 ug/L	100
19) 1,1-Dichloroethane	3.23	63	831372	85.405 ug/L	97
21) 2-Butanone	4.01	43	497242	146.006 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	471260	89.722 ug/L	98
23) Bromochloromethane	4.30	128	206707	87.721 ug/L	95
25) Chloroform	4.43	83	842727	87.569 ug/L	100
27) 1,2-Dichloroethane	5.18	62	624299	90.392 ug/L	100
30) Cyclohexane	4.73	56	806360	82.682 ug/L	98
31) 1,1,1-Trichloroethane	4.66	97	723661	80.909 ug/L	98
32) Carbon tetrachloride	4.88	117	633648	80.131 ug/L	99
34) Benzene	5.15	78	1783524	84.545 ug/L	100
35) Trichloroethene	5.96	95	475304	83.087 ug/L	98
36) Methylcyclohexane	6.18	83	798856	83.554 ug/L	98
40) 1,2-Dichloropropane	6.22	63	481857	86.723 ug/L	100
41) Bromodichloromethane	6.56	83	628181	87.463 ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	775161	95.545 ug/L	100
43) 4-Methyl-2-pentanone	7.27	43	848804	159.712 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	1978963	89.408	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	698041	96.552	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	367393	86.881	ug/L	98
47) Tetrachloroethene	8.02	164	357776	82.952	ug/L	99
49) 2-Hexanone	8.18	43	739138	162.187	ug/L	99
50) Dibromochloromethane	8.29	129	454402	93.584	ug/L	96
51) 1,2-Dibromoethane	8.40	107	368587	86.954	ug/L	99
52) Chlorobenzene	8.93	112	1245151	89.035	ug/L	98
53) Ethylbenzene	9.06	91	2256873	92.031	ug/L	98
54) m,p-Xylene	9.18	106	856688	94.871	ug/L	99
55) o-xylene	9.59	106	820943	96.082	ug/L	96
56) Styrene	9.61	104	1449822	100.787	ug/L	99
57) Isopropylbenzene	9.98	105	2236358	95.376	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	530759	86.000	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	397462	82.302	ug/L	99
62) Bromoform	9.78	173	290590	91.651	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	991163	87.384	ug/L	100
64) 1,4-Dichlorobenzene	11.32	146	1005502	87.715	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	943910	88.882	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	100837	75.149	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	744443	88.394	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	629024	95.861	ug/L	98
69) Naphthalene	13.55	128	1365266	103.168	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	582024	97.603	ug/L	99

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

