

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021219\
 Data File : VV009286.D
 Acq On : 12 Feb 2019 14:14
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

Quant Time: Feb 13 07:19:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM021219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 13 07:15:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	235149	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	225852	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	117655	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	359700	148.01	ug/L	0.00
7) Chloroethane-d5	1.56	69	198965	106.76	ug/L	-0.02
10) 1,1-Dichloroethene-d2	2.12	63	739682	119.35	ug/L	0.00
20) 2-Butanone-d5	3.94	46	385624	342.22	ug/L	-0.01
24) Chloroform-d	4.40	84	694775	120.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	417313	129.94	ug/L	0.00
29) Benzene-d6	5.10	84	1353376	115.58	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	420715	122.94	ug/L	0.00
37) Toluene-d8	7.36	98	1287806	117.11	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	205744	124.51	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	267057	378.90	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	450654	132.85	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.68	152	454994	102.56	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	366884	94.915	ug/L	99
3) Chloromethane	1.25	50	404885	139.796	ug/L	98
5) Vinyl chloride	1.32	62	419995	141.958	ug/L	96
6) Bromomethane	1.52	94	164942	84.259	ug/L	99
8) Chloroethane	1.58	64	227668	134.971	ug/L	98
9) Trichlorofluoromethane	1.76	101	607674	115.874	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	338509	104.239	ug/L	99
12) 1,1-Dichloroethene	2.13	96	302007	106.047	ug/L	93
13) Acetone	2.20	43	492137	307.684	ug/L	100
14) Carbon disulfide	2.31	76	1202666	126.420	ug/L	99
15) Methyl Acetate	2.46	43	314150	164.201	ug/L	97
16) Methylene chloride	2.53	84	364407	104.160	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	941646	124.382	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	366729	113.503	ug/L	100
19) 1,1-Dichloroethane	3.23	63	697151	128.151	ug/L	98
21) 2-Butanone	4.02	43	544016	330.440	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	389915	114.772	ug/L	100
23) Bromochloromethane	4.30	128	168714	105.727	ug/L	99
25) Chloroform	4.43	83	689295	121.054	ug/L	99
27) 1,2-Dichloroethane	5.18	62	521374	130.495	ug/L	99
30) Cyclohexane	4.72	56	707576	133.153	ug/L	98
31) 1,1,1-Trichloroethane	4.66	97	620787	114.012	ug/L	99
32) Carbon tetrachloride	4.87	117	549805	111.182	ug/L	99
34) Benzene	5.15	78	1488650	117.968	ug/L	100
35) Trichloroethene	5.96	95	400260	112.228	ug/L	99
36) Methylcyclohexane	6.18	83	699423	117.217	ug/L	98
40) 1,2-Dichloropropane	6.22	63	390041	123.342	ug/L	100
41) Bromodichloromethane	6.56	83	506701	119.309	ug/L	97
42) cis-1,3-Dichloropropene	7.07	75	622197	129.616	ug/L	99
43) 4-Methyl-2-pentanone	7.28	43	807463	301.827	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	1611267	118.931	ug/L	97
45) trans-1,3-Dichloropropene	7.69	75	561617	130.903	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	299886	112.294	ug/L	98
47) Tetrachloroethene	8.02	164	303643	101.782	ug/L	98
49) 2-Hexanone	8.19	43	746839	340.297	ug/L	97
50) Dibromochloromethane	8.29	129	363338	113.325	ug/L	97
51) 1,2-Dibromoethane	8.40	107	303857	112.091	ug/L	97
52) Chlorobenzene	8.93	112	991774	109.135	ug/L	100
53) Ethylbenzene	9.06	91	1842244	121.058	ug/L	98
54) m,p-Xylene	9.18	106	690700	119.227	ug/L	99
55) o-xylene	9.59	106	655369	119.321	ug/L	96
56) Styrene	9.60	104	1141870	124.004	ug/L	99
57) Isopropylbenzene	9.98	105	1821884	121.030	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	454920	131.388	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	351537	127.630	ug/L	100
62) Bromoform	9.78	173	238666	115.118	ug/L	100
63) 1,3-Dichlorobenzene	11.23	146	784647	103.974	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	798086	103.608	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	747930	104.482	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	100764	141.387	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	610921	102.322	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	521853	109.176	ug/L	99
69) Naphthalene	13.55	128	1227741	129.423	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	484026	109.817	ug/L	100

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

