

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120618\
 Data File : VV008858.D
 Acq On : 06 Dec 2018 13:53
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5.00g/10.0 mL/MSVOA V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

Quant Time: Dec 07 00:34:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 00:29:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	273325	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	243054	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	114555	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	286378	96.52	ug/L	0.00
7) Chloroethane-d5	1.57	69	201621	93.10	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	684852	96.70	ug/L	0.00
20) 2-Butanone-d5	3.93	46	202603	229.21	ug/L	0.00
24) Chloroform-d	4.40	84	660733	102.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	360431	105.86	ug/L	0.00
29) Benzene-d6	5.10	84	1327870	100.78	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	375525	102.97	ug/L	0.00
37) Toluene-d8	7.36	98	1258843	103.15	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	187809	118.31	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	149935	240.07	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	318284	107.49	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.68	152	397184	101.47	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	360641	87.734	ug/L	99
3) Chloromethane	1.25	50	269476	87.971	ug/L	99
5) Vinyl chloride	1.32	62	305868	89.445	ug/L	99
6) Bromomethane	1.53	94	140020	87.853	ug/L	99
8) Chloroethane	1.59	64	170873	85.148	ug/L	98
9) Trichlorofluoromethane	1.76	101	535492	90.518	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	362452	88.848	ug/L	99
12) 1,1-Dichloroethene	2.14	96	324981	90.960	ug/L	99
13) Acetone	2.19	43	308121	190.708	ug/L	99
14) Carbon disulfide	2.32	76	1099992	94.253	ug/L	100
15) Methyl Acetate	2.46	43	184332	104.635	ug/L	99
16) Methylene chloride	2.53	84	355869	87.244	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	811774	105.157	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	363818	93.332	ug/L	99
19) 1,1-Dichloroethane	3.23	63	595301	94.302	ug/L	99
21) 2-Butanone	4.01	43	317881	212.236	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	391098	97.489	ug/L	97
23) Bromochloromethane	4.30	128	182628	100.867	ug/L	99
25) Chloroform	4.43	83	641464	95.560	ug/L	99
27) 1,2-Dichloroethane	5.18	62	439138	100.071	ug/L	99
30) Cyclohexane	4.73	56	566787	92.609	ug/L	100
31) 1,1,1-Trichloroethane	4.66	97	598438	94.922	ug/L	99
32) Carbon tetrachloride	4.88	117	552639	94.558	ug/L	100
34) Benzene	5.15	78	1377758	94.060	ug/L	100
35) Trichloroethene	5.96	95	403504	92.556	ug/L	100
36) Methylcyclohexane	6.18	83	660557	92.171	ug/L	100
40) 1,2-Dichloropropane	6.22	63	337184	95.791	ug/L	99
41) Bromodichloromethane	6.56	83	465938	100.869	ug/L	100
42) cis-1,3-Dichloropropene	7.07	75	550165	102.036	ug/L	97
43) 4-Methyl-2-pentanone	7.27	43	426952	201.307	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	1483896	95.930	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	483012	107.037	ug/L	96
46) 1,1,2-Trichloroethane	7.88	97	277746	98.209	ug/L	98
47) Tetrachloroethene	8.02	164	326874	92.914	ug/L	98
49) 2-Hexanone	8.18	43	398296	212.560	ug/L	98
50) Dibromochloromethane	8.29	129	361094	107.365	ug/L	99
51) 1,2-Dibromoethane	8.40	107	285987	100.536	ug/L	99
52) Chlorobenzene	8.93	112	966181	97.790	ug/L	99
53) Ethylbenzene	9.06	91	1634003	96.290	ug/L	98
54) m,p-Xylene	9.18	106	623428	96.447	ug/L	99
55) o-xylene	9.59	106	582873	97.277	ug/L	99
56) Styrene	9.60	104	973188	97.924	ug/L	96
57) Isopropylbenzene	9.98	105	1562693	96.663	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	315683	101.947	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	249131	98.066	ug/L	99
62) Bromoform	9.78	173	215532	106.699	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	703731	97.049	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	704573	95.452	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	636858	94.253	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	56905	109.178	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	510996	96.309	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	417579	111.901	ug/L	99
69) Naphthalene	13.55	128	854472	143.032	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	378538	110.261	ug/L	100

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

