

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040119\
 Data File : VV010051.D
 Acq On : 01 Apr 2019 16:20
 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: Apr 01 16:43:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040119S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 01 16:30:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	295307	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	298846	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	165674	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	380628	63.52	ug/L	0.00
7) Chloroethane-d5	1.56	69	334349	51.66	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	982015	59.91	ug/L	0.00
20) 2-Butanone-d5	3.93	46	249474	223.40	ug/L	0.00
24) Chloroform-d	4.40	84	763262	101.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	436357	96.37	ug/L	0.00
29) Benzene-d6	5.10	84	1533084	97.69	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	451445	98.32	ug/L	0.00
37) Toluene-d8	7.36	98	1562141	105.16	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	224753	119.66	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	212018	247.39	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	486110	106.93	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	647438	102.64	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	393230	86.010	ug/L	99
3) Chloromethane	1.25	50	345781	65.443	ug/L	100
5) Vinyl chloride	1.32	62	391804	57.031	ug/L	96
6) Bromomethane	1.51	94	314933	45.960	ug/L	99
8) Chloroethane	1.58	64	257873	43.572	ug/L	98
9) Trichlorofluoromethane	1.76	101	814252	55.576	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	469088	55.084	ug/L	99
12) 1,1-Dichloroethene	2.14	96	403257	55.821	ug/L	99
13) Acetone	2.19	43	214516	126.879	ug/L	99
14) Carbon disulfide	2.31	76	852307	87.204	ug/L	100
15) Methyl Acetate	2.46	43	178728	90.248	ug/L	96
16) Methylene chloride	2.53	84	365816	75.223	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	925024	98.134	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	342167	88.430	ug/L	99
19) 1,1-Dichloroethane	3.23	63	605499	85.569	ug/L	100
21) 2-Butanone	4.01	43	262381	174.251	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	399495	93.505	ug/L	99
23) Bromochloromethane	4.30	128	200420	101.594	ug/L	96
25) Chloroform	4.42	83	680893	87.027	ug/L	99
27) 1,2-Dichloroethane	5.18	62	469773	84.745	ug/L	98
30) Cyclohexane	4.72	56	523053	86.804	ug/L	97
31) 1,1,1-Trichloroethane	4.66	97	588679	98.430	ug/L	100
32) Carbon tetrachloride	4.87	117	551740	106.138	ug/L	99
34) Benzene	5.15	78	1411599	86.018	ug/L	100
35) Trichloroethene	5.96	95	395986	91.479	ug/L	99
36) Methylcyclohexane	6.18	83	628288	92.510	ug/L	100
40) 1,2-Dichloropropane	6.22	63	363667	88.683	ug/L	98
41) Bromodichloromethane	6.55	83	512785	100.551	ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	621322	103.923	ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	566175	193.476	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	1650713	91.243	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	533399	108.988	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	329196	97.065	ug/L	97
47) Tetrachloroethene	8.02	164	345139	101.041	ug/L	99
49) 2-Hexanone	8.18	43	414212	209.433	ug/L	95
50) Dibromochloromethane	8.29	129	431211	122.619	ug/L	97
51) 1,2-Dibromoethane	8.40	107	339425	103.073	ug/L	100
52) Chlorobenzene	8.93	112	1144524	95.030	ug/L	99
53) Ethylbenzene	9.05	91	1893432	94.876	ug/L	99
54) m,p-Xylene	9.18	106	757181	96.601	ug/L	98
55) o-xylene	9.59	106	744401	97.843	ug/L	99
56) Styrene	9.60	104	1287050	98.488	ug/L	99
57) Isopropylbenzene	9.97	105	1974080	100.018	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	444325	97.196	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	313781	95.103	ug/L	100
62) Bromoform	9.77	173	267951	125.739	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	984088	96.036	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	994008	89.257	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	952089	94.145	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	69268	109.588	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	773635	106.309	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	650428	121.164	ug/L	98
69) Naphthalene	13.55	128	1221551	136.894	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	610094	119.525	ug/L	98

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

