

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\
 Data File : VV010061.D
 Acq On : 02 Apr 2019 14:31
 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 02 15:13:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 14:35:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	318863	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	309552	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	163690	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	383323	87.53	ug/L	0.00
7) Chloroethane-d5	1.57	69	419754	108.86	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	1003540	91.34	ug/L	0.00
20) 2-Butanone-d5	3.94	46	258255	217.34	ug/L	0.00
24) Chloroform-d	4.40	84	807694	105.26	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	460612	98.05	ug/L	0.00
29) Benzene-d6	5.10	84	1580182	99.03	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	470774	103.46	ug/L	0.00
37) Toluene-d8	7.36	98	1571556	100.68	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	230378	117.52	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	207152	229.81	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	479242	102.04	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	618825	94.86	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	394633	80.357 ug/L	99
3) Chloromethane	1.25	50	359464	83.775 ug/L	98
5) Vinyl chloride	1.32	62	393124	83.756 ug/L	100
6) Bromomethane	1.53	94	434732	103.937 ug/L	99
8) Chloroethane	1.59	64	332717	107.098 ug/L	98
9) Trichlorofluoromethane	1.76	101	830899	86.009 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	477156	87.269 ug/L	98
12) 1,1-Dichloroethene	2.14	96	408134	86.598 ug/L	97
13) Acetone	2.20	43	200223	142.394 ug/L	99
14) Carbon disulfide	2.32	76	859629	90.806 ug/L	98
15) Methyl Acetate	2.46	43	189564	92.900 ug/L	97
16) Methylene chloride	2.53	84	384386	68.992 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	979521	100.768 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	355570	90.661 ug/L	99
19) 1,1-Dichloroethane	3.23	63	629088	91.187 ug/L	100
21) 2-Butanone	4.02	43	265728	198.780 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	418471	95.209 ug/L	99
23) Bromochloromethane	4.30	128	208544	96.005 ug/L	93
25) Chloroform	4.43	83	717097	88.733 ug/L	99
27) 1,2-Dichloroethane	5.18	62	496314	96.687 ug/L	98
30) Cyclohexane	4.72	56	526928	93.180 ug/L	100
31) 1,1,1-Trichloroethane	4.66	97	620253	98.074 ug/L	98
32) Carbon tetrachloride	4.88	117	572598	99.414 ug/L	98
34) Benzene	5.15	78	1473377	95.042 ug/L	100
35) Trichloroethene	5.96	95	412561	93.046 ug/L	98
36) Methylcyclohexane	6.18	83	610945	89.574 ug/L	98
40) 1,2-Dichloropropane	6.22	63	375210	98.915 ug/L	100
41) Bromodichloromethane	6.55	83	534052	105.646 ug/L	97
42) cis-1,3-Dichloropropene	7.07	75	621497	107.101 ug/L	100
43) 4-Methyl-2-pentanone	7.28	43	575540	198.532 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	1688939	96.126	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	546362	113.228	ug/L	97
46) 1,1,2-Trichloroethane	7.88	97	344249	100.189	ug/L	100
47) Tetrachloroethene	8.02	164	352770	93.728	ug/L	95
49) 2-Hexanone	8.19	43	432742	225.090	ug/L	99
50) Dibromochloromethane	8.29	129	444749	111.923	ug/L	96
51) 1,2-Dibromoethane	8.40	107	352114	102.224	ug/L	100
52) Chlorobenzene	8.93	112	1144857	94.637	ug/L	98
53) Ethylbenzene	9.05	91	1865934	96.114	ug/L	100
54) m,p-Xylene	9.18	106	732245	94.072	ug/L	96
55) o-xylene	9.59	106	723045	98.201	ug/L	96
56) Styrene	9.60	104	1241628	100.779	ug/L	100
57) Isopropylbenzene	9.97	105	1896092	96.658	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	439397	98.853	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	311692	95.564	ug/L	100
62) Bromoform	9.78	173	272281	119.075	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	937537	94.963	ug/L	97
64) 1,4-Dichlorobenzene	11.32	146	948605	91.377	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	905801	92.959	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	70701	112.548	ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	718453	98.675	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	608798	114.643	ug/L	98
69) Naphthalene	13.55	128	1232386	147.619	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	590651	118.704	ug/L	99

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

