

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080319\
 Data File : VV012103.D
 Acq On : 03 Aug 2019 11:27
 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: Aug 05 07:49:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM080319S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 05 07:43:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	242204	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	228080	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	128287	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	196159	63.42	ug/L	0.00
7) Chloroethane-d5	1.58	69	149124	63.40	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	394445	62.97	ug/L	0.00
20) 2-Butanone-d5	3.95	46	207045	173.69	ug/L	0.00
24) Chloroform-d	4.40	84	566425	95.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	340665	89.15	ug/L	0.00
29) Benzene-d6	5.10	84	1061095	87.63	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	294569	77.85	ug/L	0.00
37) Toluene-d8	7.36	98	1051895	90.81	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	178839	98.89	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	169889	185.94	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	318169	90.65	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	450599	94.30	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	350284	89.522 ug/L	99
3) Chloromethane	1.25	50	209782	59.996 ug/L	95
5) Vinyl chloride	1.32	62	214724	61.321 ug/L	97
6) Bromomethane	1.54	94	143732	73.994 ug/L	98
8) Chloroethane	1.60	64	121951	60.426 ug/L	100
9) Trichlorofluoromethane	1.77	101	401067	76.454 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	196562	70.323 ug/L	99
12) 1,1-Dichloroethene	2.14	96	182023	70.984 ug/L	91
13) Acetone	2.22	43	221742	157.379 ug/L	97
14) Carbon disulfide	2.32	76	748669	86.674 ug/L	100
15) Methyl Acetate	2.47	43	149789	73.984 ug/L	99
16) Methylene chloride	2.53	84	269530	74.929 ug/L	99
17) Methyl tert-butyl Ether	2.80	73	774357	84.098 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	280123	85.549 ug/L	95
19) 1,1-Dichloroethane	3.23	63	460386	75.015 ug/L	99
21) 2-Butanone	4.03	43	284053	177.065 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	310620	85.684 ug/L	99
23) Bromochloromethane	4.30	128	158154	96.538 ug/L	97
25) Chloroform	4.42	83	531632	80.060 ug/L	99
27) 1,2-Dichloroethane	5.18	62	404577	85.936 ug/L	100
30) Cyclohexane	4.72	56	404442	70.227 ug/L	98
31) 1,1,1-Trichloroethane	4.66	97	510221	96.614 ug/L	99
32) Carbon tetrachloride	4.87	117	486280	105.964 ug/L	100
34) Benzene	5.14	78	1063610	81.341 ug/L	100
35) Trichloroethene	5.96	95	312462	89.050 ug/L	99
36) Methylcyclohexane	6.18	83	497570	84.567 ug/L	98
40) 1,2-Dichloropropane	6.22	63	252435	74.679 ug/L	100
41) Bromodichloromethane	6.55	83	412551	90.679 ug/L	97
42) cis-1,3-Dichloropropene	7.07	75	482288	87.996 ug/L	100
43) 4-Methyl-2-pentanone	7.27	43	441065	142.888 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	1222620	84.816	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	427875	91.200	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	241906	88.547	ug/L	98
47) Tetrachloroethene	8.02	164	296437	108.394	ug/L	96
49) 2-Hexanone	8.18	43	368894	162.553	ug/L	99
50) Dibromochloromethane	8.29	129	346635	108.065	ug/L	97
51) 1,2-Dibromoethane	8.40	107	262215	96.905	ug/L	98
52) Chlorobenzene	8.92	112	832832	89.196	ug/L	98
53) Ethylbenzene	9.05	91	1407057	85.205	ug/L	99
54) m,p-Xylene	9.18	106	545358	87.725	ug/L	97
55) o-xylene	9.59	106	526633	86.613	ug/L	99
56) Styrene	9.60	104	913964	89.442	ug/L	99
57) Isopropylbenzene	9.97	105	1437743	88.161	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	312591	84.763	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	240956	85.775	ug/L	100
62) Bromoform	9.77	173	244833	115.910	ug/L	98
63) 1,3-Dichlorobenzene	11.22	146	744910	90.279	ug/L	100
64) 1,4-Dichlorobenzene	11.31	146	751552	89.939	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	699396	90.023	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	75069	95.261	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	642131	101.785	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	574794	111.692	ug/L	99
69) Naphthalene	13.55	128	1146751	110.530	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	527350	110.024	ug/L	99

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

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