

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093019\
 Data File : VV013014.D
 Acq On : 30 Sep 2019 12:26
 Operator : SY/MD
 Sample : VSTD05065
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Quant Time: Sep 30 14:05:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 30 13:59:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	814038	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	815951	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	444297	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	502749	43.17	ug/L	0.00
7) Chloroethane-d5	1.58	69	432174	44.26	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	889829	44.37	ug/L	0.00
21) 2-Butanone-d5	3.95	46	407572	122.05	ug/L	0.00
24) Chloroform-d	4.40	84	987573	45.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	560984	44.97	ug/L	0.00
32) Benzene-d6	5.10	84	2004959	44.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	633120	44.87	ug/L	0.00
41) Toluene-d8	7.36	98	1898493	46.19	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	278443	47.02	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	303555	102.05	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.26	84	610974	46.30	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	774859	45.23	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	490461	56.236	ug/L	100
3) Chloromethane	1.25	50	578085	52.058	ug/L	100
5) Vinyl chloride	1.32	62	587289	51.333	ug/L	98
6) Bromomethane	1.54	94	367255	49.971	ug/L	98
8) Chloroethane	1.60	64	366013	50.616	ug/L	99
9) Trichlorofluoromethane	1.77	101	763288	49.255	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	482094	48.535	ug/L	99
12) 1,1-Dichloroethene	2.14	96	451208	48.365	ug/L	98
13) Acetone	2.22	43	389816	89.949	ug/L	100
14) Carbon disulfide	2.32	76	1436847	50.182	ug/L	99
15) Methyl Acetate	2.47	43	349456	52.251	ug/L	99
16) Methylene chloride	2.53	84	579820	43.489	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	534985	48.646	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	1422054	51.404	ug/L	100
19) 1,1-Dichloroethane	3.23	63	995891	49.342	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	615542	50.324	ug/L	98
22) 2-Butanone	4.03	43	501516	133.693	ug/L	100
23) Bromochloromethane	4.30	128	297348	49.586	ug/L	98
25) Chloroform	4.42	83	1013218	48.150	ug/L	99
27) 1,2-Dichloroethane	5.18	62	719850	49.763	ug/L	100
29) Cyclohexane	4.72	56	927663	51.643	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	804277	48.257	ug/L	100
31) Carbon tetrachloride	4.87	117	723199	48.204	ug/L	99
33) Benzene	5.14	78	2292257	49.137	ug/L	100
34) Trichloroethene	5.96	95	609174	48.203	ug/L	99
35) Methylcyclohexane	6.17	83	996323	50.229	ug/L	99
37) 1,2-Dichloropropane	6.22	63	599261	50.064	ug/L	99
38) Bromodichloromethane	6.55	83	770263	49.297	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	940704	52.193	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	999236	104.450	ug/L	100

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42) Toluene	7.43	91	2490699	50.200	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	781939	52.838	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	496302	48.877	ug/L	100
46) Tetrachloroethene	8.02	164	503729	48.174	ug/L	99
48) 2-Hexanone	8.18	43	766123	109.981	ug/L	99
49) Dibromochloromethane	8.29	129	592699	51.189	ug/L	100
50) 1,2-Dibromoethane	8.39	107	500856	49.999	ug/L	98
51) Chlorobenzene	8.92	112	1655923	49.205	ug/L	100
52) Ethylbenzene	9.05	91	2794979	51.279	ug/L	99
53) m,p-Xylene	9.18	106	1080783	51.874	ug/L	99
54) o-Xylene	9.59	106	1055910	52.972	ug/L	97
55) Styrene	9.60	104	1869113	53.559	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	627735	50.701	ug/L	100
59) Bromoform	9.77	173	387830	50.964	ug/L	100
60) Isopropylbenzene	9.97	105	2775734	51.839	ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	491858	48.635	ug/L	99
62) 1,3,5-Trimethylbenzene	10.58	105	2364416	54.805	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	2366922	54.633	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	1409452	50.150	ug/L	100
65) 1,4-Dichlorobenzene	11.32	146	1427861	48.378	ug/L	100
67) 1,2-Dichlorobenzene	11.69	146	1331422	49.616	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	110188	50.233	ug/L	98
69) 1,3,5-Trichlorobenzene	12.69	180	1131209	49.992	ug/L	100
70) 1,2,4-trichlorobenzene	13.31	180	1006714	51.453	ug/L	99
71) Naphthalene	13.55	128	2135201	56.023	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	958188	50.772	ug/L	99

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

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