

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093019\
 Data File : VV013013.D
 Acq On : 30 Sep 2019 11:58
 Operator : SY/MD
 Sample : VSTD02564
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02564

Quant Time: Sep 30 14:02:20 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	795981	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	788963	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	428588	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	278323	24.44	ug/L	0.00
7) Chloroethane-d5	1.58	69	225054	23.57	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	484192	24.69	ug/L	0.00
21) 2-Butanone-d5	3.94	46	198724	60.86	ug/L	0.00
24) Chloroform-d	4.40	84	529291	24.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	301154	24.69	ug/L	0.00
32) Benzene-d6	5.10	84	1080316	24.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	336831	24.69	ug/L	0.00
41) Toluene-d8	7.36	98	1014319	25.52	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	143392	25.04	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	144638	50.29	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.26	84	315172	24.70	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	403814	24.43	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	251336	29.472	ug/L 100
3) Chloromethane	1.25	50	287552	26.482	ug/L 100
5) Vinyl chloride	1.32	62	295648	26.428	ug/L 100
6) Bromomethane	1.53	94	181243	25.220	ug/L 100
8) Chloroethane	1.60	64	172045	24.332	ug/L 100
9) Trichlorofluoromethane	1.77	101	401146	26.473	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	249734	25.712	ug/L 100
12) 1,1-Dichloroethene	2.14	96	230807	25.301	ug/L 100
13) Acetone	2.20	43	194004	45.781	ug/L 100
14) Carbon disulfide	2.32	76	723272	25.833	ug/L 100
15) Methyl Acetate	2.46	43	162571	24.859	ug/L 100
16) Methylene chloride	2.53	84	294168	22.565	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	270914	25.193	ug/L 100
18) Methyl tert-butyl Ether	2.80	73	686114	25.364	ug/L 100
19) 1,1-Dichloroethane	3.23	63	496258	25.145	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	303895	25.409	ug/L 100
22) 2-Butanone	4.02	43	228984	62.427	ug/L 100
23) Bromochloromethane	4.30	128	145600	24.831	ug/L 100
25) Chloroform	4.42	83	517021	25.127	ug/L 100
27) 1,2-Dichloroethane	5.18	62	356984	25.238	ug/L 100
29) Cyclohexane	4.72	56	451194	25.977	ug/L 100
30) 1,1,1-Trichloroethane	4.66	97	408391	25.342	ug/L 100
31) Carbon tetrachloride	4.87	117	368299	25.388	ug/L 100
33) Benzene	5.14	78	1144519	25.373	ug/L 100
34) Trichloroethene	5.96	95	305854	25.030	ug/L 100
35) Methylcyclohexane	6.17	83	499196	26.027	ug/L 100
37) 1,2-Dichloropropane	6.22	63	292928	25.309	ug/L 100
38) Bromodichloromethane	6.55	83	377760	25.004	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	453147	26.002	ug/L 100
40) 4-Methyl-2-pentanone	7.27	43	455239	49.214	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1243970	25.930	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	371551	25.965	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	246215	25.077	ug/L	100
46) Tetrachloroethene	8.02	164	256452	25.365	ug/L	100
48) 2-Hexanone	8.18	43	341176	50.653	ug/L	100
49) Dibromochloromethane	8.29	129	285444	25.496	ug/L	100
50) 1,2-Dibromoethane	8.39	107	242248	25.010	ug/L	100
51) Chlorobenzene	8.92	112	821276	25.238	ug/L	100
52) Ethylbenzene	9.05	91	1374197	26.075	ug/L	100
53) m,p-Xylene	9.18	106	533145	26.464	ug/L	100
54) o-Xylene	9.59	106	511097	26.518	ug/L	100
55) Styrene	9.60	104	905527	26.835	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.28	83	299614	25.027	ug/L	100
59) Bromoform	9.77	173	183073	24.939	ug/L	100
60) Isopropylbenzene	9.97	105	1360962	26.349	ug/L	100
61) 1,2,3-Trichloropropane	10.31	75	238918	24.490	ug/L	100
62) 1,3,5-Trimethylbenzene	10.58	105	1125077	27.034	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	1135289	27.165	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	686859	25.335	ug/L	100
65) 1,4-Dichlorobenzene	11.31	146	702992	24.691	ug/L	100
67) 1,2-Dichlorobenzene	11.69	146	646948	24.993	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.47	75	50006	23.633	ug/L	100
69) 1,3,5-Trichlorobenzene	12.69	180	548106	25.111	ug/L	100
70) 1,2,4-trichlorobenzene	13.31	180	479078	25.383	ug/L	100
71) Naphthalene	13.55	128	955603	25.992	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	461940	25.374	ug/L	100

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

