

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031319\
 Data File : VV009635.D
 Acq On : 13 Mar 2019 12:19
 Operator : SY/MD
 Sample : VSTD10082
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10082

Quant Time: Mar 13 12:45:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 13 11:58:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	182270	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	175603	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89106	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	231385	105.46	ug/L	0.00
7) Chloroethane-d5	1.58	69	363765	114.64	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	589966	103.33	ug/L	0.00
20) 2-Butanone-d5	3.94	46	145328	194.37	ug/L	0.01
24) Chloroform-d	4.40	84	464852	107.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	268230	108.59	ug/L	0.00
29) Benzene-d6	5.10	84	905723	104.14	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	269961	105.18	ug/L	0.00
37) Toluene-d8	7.36	98	892413	105.25	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	138903	111.68	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	113367	189.26	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	279010	102.01	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	326490	100.37	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	236699	112.784	ug/L	99
3) Chloromethane	1.25	50	221454	99.009	ug/L	100
5) Vinyl chloride	1.32	62	246457	99.946	ug/L	99
6) Bromomethane	1.53	94	275100	89.616	ug/L	99
8) Chloroethane	1.60	64	274634	100.224	ug/L	99
9) Trichlorofluoromethane	1.76	101	527962	104.375	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	284444	100.427	ug/L	98
12) 1,1-Dichloroethene	2.14	96	248002	102.341	ug/L	93
13) Acetone	2.21	43	156340	205.663	ug/L	99
14) Carbon disulfide	2.31	76	616654	100.395	ug/L	100
15) Methyl Acetate	2.46	43	109253	88.750	ug/L	99
16) Methylene chloride	2.53	84	219181	91.628	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	581314	107.124	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	219027	100.623	ug/L	99
19) 1,1-Dichloroethane	3.23	63	387857	101.126	ug/L	98
21) 2-Butanone	4.03	43	198210	206.598	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	249606	101.576	ug/L	100
23) Bromochloromethane	4.30	128	117088	103.335	ug/L	97
25) Chloroform	4.42	83	433422	101.261	ug/L	99
27) 1,2-Dichloroethane	5.18	62	311101	104.653	ug/L	98
30) Cyclohexane	4.72	56	358025	96.068	ug/L	98
31) 1,1,1-Trichloroethane	4.66	97	382250	97.374	ug/L	99
32) Carbon tetrachloride	4.87	117	345123	103.990	ug/L	100
34) Benzene	5.15	78	913246	100.648	ug/L	100
35) Trichloroethene	5.96	95	250090	95.906	ug/L	100
36) Methylcyclohexane	6.18	83	410310	96.590	ug/L	98
40) 1,2-Dichloropropane	6.22	63	225279	96.291	ug/L	99
41) Bromodichloromethane	6.55	83	334016	105.772	ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	384302	105.806	ug/L	100
43) 4-Methyl-2-pentanone	7.28	43	343748	186.387	ug/L	97

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44) Toluene	7.43	91	1052024	102.571	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	340611	107.376	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	197737	101.732	ug/L	98
47) Tetrachloroethene	8.02	164	196355	99.277	ug/L	98
49) 2-Hexanone	8.19	43	286756	205.620	ug/L	99
50) Dibromochloromethane	8.29	129	255266	108.476	ug/L	98
51) 1,2-Dibromoethane	8.40	107	206587	102.869	ug/L	97
52) Chlorobenzene	8.93	112	672080	98.859	ug/L	100
53) Ethylbenzene	9.06	91	1172435	99.894	ug/L	97
54) m,p-Xylene	9.18	106	454707	102.362	ug/L	99
55) o-xylene	9.59	106	445634	104.036	ug/L	100
56) Styrene	9.60	104	771231	109.441	ug/L	99
57) Isopropylbenzene	9.98	105	1180497	99.917	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	269597	98.229	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	190762	96.419	ug/L	100
62) Bromoform	9.78	173	153181	105.936	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	532957	95.754	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	534032	93.894	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	508129	97.894	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	47344	91.064	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	380572	95.324	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	318570	99.664	ug/L	99
69) Naphthalene	13.55	128	687601	102.128	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	297930	101.315	ug/L	99

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

