

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010419\
 Data File : VV009156.D
 Acq On : 04 Jan 2019 11:44
 Operator : SY/MD
 Sample : VSTD02564
 Misc : 5.00 G/10ML/MSVOA V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02564

Quant Time: Jan 05 04:23:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 04:20:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	204901	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184219	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94150	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28587	20.40	ug/L	0.00
7) Chloroethane-d5	1.58	69	33035	24.30	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	99934	21.33	ug/L	0.00
20) 2-Butanone-d5	3.96	46	37169	38.25	ug/L	0.00
24) Chloroform-d	4.40	84	95668	22.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	49468	21.43	ug/L	0.00
29) Benzene-d6	5.10	84	182031	22.18	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	51086	21.71	ug/L	0.00
37) Toluene-d8	7.36	98	170535	22.03	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.67	79	23380	20.94	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	22420	40.37	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55281	21.37	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.68	152	65886	20.71	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	75665	22.973 ug/L	100
3) Chloromethane	1.25	50	51183	22.944 ug/L	100
5) Vinyl chloride	1.32	62	54845	22.961 ug/L	100
6) Bromomethane	1.54	94	40617	24.141 ug/L	100
8) Chloroethane	1.60	64	39379	26.752 ug/L	100
9) Trichlorofluoromethane	1.77	101	105068	23.993 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	68744	23.571 ug/L	100
12) 1,1-Dichloroethene	2.14	96	60507	23.923 ug/L	100
13) Acetone	2.22	43	52838	37.813 ug/L	100
14) Carbon disulfide	2.32	76	170051	23.529 ug/L	100
15) Methyl Acetate	2.47	43	37641	21.770 ug/L	100
16) Methylene chloride	2.54	84	69621	22.743 ug/L	100
17) Methyl tert-butyl Ether	2.81	73	146645	23.671 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	65471	24.426 ug/L	100
19) 1,1-Dichloroethane	3.23	63	108056	24.276 ug/L	100
21) 2-Butanone	4.05	43	49565	38.569 ug/L	# 89
22) cis-1,2-Dichloroethene	3.96	96	70975	24.769 ug/L	100
23) Bromochloromethane	4.30	128	33118	24.566 ug/L	100
25) Chloroform	4.43	83	117979	24.890 ug/L	100
27) 1,2-Dichloroethane	5.18	62	75411	23.685 ug/L	100
30) Cyclohexane	4.73	56	96531	23.637 ug/L	100
31) 1,1,1-Trichloroethane	4.66	97	111255	24.840 ug/L	100
32) Carbon tetrachloride	4.88	117	102102	24.906 ug/L	100
34) Benzene	5.15	78	242569	24.494 ug/L	100
35) Trichloroethene	5.96	95	69413	24.329 ug/L	100
36) Methylcyclohexane	6.18	83	113082	23.722 ug/L	100
40) 1,2-Dichloropropane	6.22	63	61080	25.589 ug/L	100
41) Bromodichloromethane	6.56	83	81833	25.012 ug/L	100
42) cis-1,3-Dichloropropene	7.07	75	95027	25.123 ug/L	100
43) 4-Methyl-2-pentanone	7.28	43	95451	41.952 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	266441	24.954	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	81298	24.549	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	51455	24.390	ug/L	100
47) Tetrachloroethene	8.02	164	60800	24.597	ug/L	100
49) 2-Hexanone	8.20	43	70289	41.977	ug/L	100
50) Dibromochloromethane	8.29	129	64243	24.787	ug/L	100
51) 1,2-Dibromoethane	8.40	107	53122	24.081	ug/L	100
52) Chlorobenzene	8.93	112	177921	24.286	ug/L	100
53) Ethylbenzene	9.06	91	298377	24.711	ug/L	100
54) m,p-Xylene	9.18	106	116653	24.796	ug/L	100
55) o-xylene	9.59	106	108577	24.961	ug/L	100
56) Styrene	9.60	104	186165	25.373	ug/L	100
57) Isopropylbenzene	9.98	105	304242	25.208	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	66623	23.570	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	51590	22.835	ug/L	100
62) Bromoform	9.78	173	40318	24.248	ug/L	100
63) 1,3-Dichlorobenzene	11.23	146	143354	24.165	ug/L	100
64) 1,4-Dichlorobenzene	11.32	146	147201	23.805	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	137309	24.299	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	13527	23.058	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	115319	24.104	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	93358	23.974	ug/L	100
69) Naphthalene	13.55	128	174406	21.988	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	84574	23.665	ug/L	100

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

