

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120618\
 Data File : VV008857.D
 Acq On : 06 Dec 2018 13:28
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.00g/10.0 mL/MSVOA V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Quant Time: Dec 07 00:33:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 00:29:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	226601	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	199571	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95417	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122796	49.92	ug/L	0.00
7) Chloroethane-d5	1.58	69	87584	48.78	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	290163	49.42	ug/L	0.00
20) 2-Butanone-d5	3.93	46	87326	119.17	ug/L	0.00
24) Chloroform-d	4.40	84	269463	50.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	146762	51.99	ug/L	0.00
29) Benzene-d6	5.10	84	549461	50.79	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	152704	50.99	ug/L	0.00
37) Toluene-d8	7.36	98	516083	51.50	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	73791	56.61	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	60554	118.08	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	135166	55.59	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	170369	52.25	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	147627	43.319	ug/L 97
3) Chloromethane	1.25	50	111415	43.871	ug/L 99
5) Vinyl chloride	1.32	62	125216	44.167	ug/L 99
6) Bromomethane	1.53	94	56225	42.551	ug/L 99
8) Chloroethane	1.59	64	69334	41.674	ug/L 100
9) Trichlorofluoromethane	1.77	101	214201	43.674	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	148791	43.994	ug/L 99
12) 1,1-Dichloroethene	2.14	96	131521	44.402	ug/L 86
13) Acetone	2.19	43	129903	96.981	ug/L 100
14) Carbon disulfide	2.32	76	435937	45.055	ug/L 100
15) Methyl Acetate	2.45	43	70042	47.957	ug/L 100
16) Methylene chloride	2.53	84	144110	42.614	ug/L 98
17) Methyl tert-butyl Ether	2.80	73	311804	48.720	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	145057	44.885	ug/L 100
19) 1,1-Dichloroethane	3.23	63	233338	44.585	ug/L 100
21) 2-Butanone	4.01	43	130240	104.886	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	152800	45.942	ug/L 96
23) Bromochloromethane	4.29	128	69737	46.458	ug/L 97
25) Chloroform	4.42	83	250402	44.995	ug/L 99
27) 1,2-Dichloroethane	5.18	62	169620	46.623	ug/L 100
30) Cyclohexane	4.72	56	225161	44.806	ug/L 99
31) 1,1,1-Trichloroethane	4.66	97	232497	44.913	ug/L 100
32) Carbon tetrachloride	4.87	117	217826	45.391	ug/L 98
34) Benzene	5.14	78	537657	44.704	ug/L 100
35) Trichloroethene	5.96	95	159221	44.480	ug/L 99
36) Methylcyclohexane	6.17	83	264146	44.888	ug/L 99
40) 1,2-Dichloropropane	6.22	63	132358	45.795	ug/L 99
41) Bromodichloromethane	6.55	83	176766	46.605	ug/L 97
42) cis-1,3-Dichloropropene	7.07	75	202568	45.755	ug/L 97
43) 4-Methyl-2-pentanone	7.27	43	173937	99.880	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120618\
 Data File : VV008857.D
 Acq On : 06 Dec 2018 13:28
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.00g/10.0 mL/MSVOA V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Quant Time: Dec 07 00:33:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 00:29:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	579460	45.623	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	180786	48.792	ug/L	96
46) 1,1,2-Trichloroethane	7.88	97	110003	47.371	ug/L	99
47) Tetrachloroethene	8.02	164	129825	44.943	ug/L	98
49) 2-Hexanone	8.18	43	161909	105.233	ug/L	98
50) Dibromochloromethane	8.29	129	133640	48.393	ug/L	98
51) 1,2-Dibromoethane	8.40	107	110487	47.303	ug/L	98
52) Chlorobenzene	8.93	112	373089	45.989	ug/L	99
53) Ethylbenzene	9.05	91	635064	45.578	ug/L	98
54) m,p-Xylene	9.18	106	248443	46.810	ug/L	99
55) o-xylene	9.59	106	228241	46.391	ug/L	99
56) Styrene	9.60	104	383653	47.015	ug/L	98
57) Isopropylbenzene	9.98	105	623949	47.005	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	125937	49.532	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	101515	48.666	ug/L	99
62) Bromoform	9.78	173	79265	47.111	ug/L	97
63) 1,3-Dichlorobenzene	11.23	146	280480	46.438	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	281822	45.838	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	258669	45.961	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	21989	50.650	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	204093	46.181	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	159984	51.471	ug/L	99
69) Naphthalene	13.55	128	295448	59.375	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	147227	51.486	ug/L	99

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

