

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120618\
 Data File : VV008856.D
 Acq On : 06 Dec 2018 12:48
 Operator : SY/MD
 Sample : VSTD02563
 Misc : 5.00g/10.0 mL/MSVOA V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02563

Quant Time: Dec 07 00:33:01 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	234526	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	205351	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94455	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63647	25.00	ug/L	0.00
7) Chloroethane-d5	1.58	69	46458	25.00	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	151928	25.00	ug/L	0.00
20) 2-Butanone-d5	3.93	46	37922	50.00	ug/L	0.00
24) Chloroform-d	4.40	84	138153	25.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	73039	25.00	ug/L	0.00
29) Benzene-d6	5.10	84	278291	25.00	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	77034	25.00	ug/L	0.00
37) Toluene-d8	7.36	98	257760	25.00	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	33531	25.00	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	26383	50.00	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62543	25.00	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	80690	25.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	88178	25.000	ug/L 100
3) Chloromethane	1.25	50	65710	25.000	ug/L 100
5) Vinyl chloride	1.32	62	73355	25.000	ug/L 100
6) Bromomethane	1.53	94	34189	25.000	ug/L 100
8) Chloroethane	1.60	64	43048	25.000	ug/L 100
9) Trichlorofluoromethane	1.77	101	126903	25.000	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	87509	25.000	ug/L 100
12) 1,1-Dichloroethene	2.14	96	76641	25.000	ug/L 100
13) Acetone	2.19	43	69316	50.000	ug/L 100
14) Carbon disulfide	2.32	76	250350	25.000	ug/L 100
15) Methyl Acetate	2.46	43	37790	25.000	ug/L 100
16) Methylene chloride	2.53	84	87500	25.000	ug/L 100
17) Methyl tert-butyl Ether	2.80	73	165595	25.000	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	83619	25.000	ug/L 100
19) 1,1-Dichloroethane	3.23	63	135415	25.000	ug/L 100
21) 2-Butanone	4.01	43	64258	50.000	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	86056	25.000	ug/L 100
23) Bromochloromethane	4.29	128	38839	25.000	ug/L 100
25) Chloroform	4.42	83	143995	25.000	ug/L 100
27) 1,2-Dichloroethane	5.18	62	94134	25.000	ug/L 100
30) Cyclohexane	4.72	56	129271	25.000	ug/L 100
31) 1,1,1-Trichloroethane	4.66	97	133164	25.000	ug/L 100
32) Carbon tetrachloride	4.87	117	123446	25.000	ug/L 100
34) Benzene	5.14	78	309387	25.000	ug/L 100
35) Trichloroethene	5.96	95	92083	25.000	ug/L 100
36) Methylcyclohexane	6.17	83	151373	25.000	ug/L 100
40) 1,2-Dichloropropane	6.22	63	74349	25.000	ug/L 100
41) Bromodichloromethane	6.55	83	97567	25.000	ug/L 100
42) cis-1,3-Dichloropropene	7.07	75	113887	25.000	ug/L 100
43) 4-Methyl-2-pentanone	7.27	43	89595	50.000	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	326725	25.000	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	95314	25.000	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	59735	25.000	ug/L	100
47) Tetrachloroethene	8.02	164	74308	25.000	ug/L	100
49) 2-Hexanone	8.18	43	79157	50.000	ug/L	100
50) Dibromochloromethane	8.29	129	71038	25.000	ug/L	100
51) 1,2-Dibromoethane	8.40	107	60084	25.000	ug/L	100
52) Chlorobenzene	8.93	112	208689	25.000	ug/L	100
53) Ethylbenzene	9.05	91	358431	25.000	ug/L	100
54) m,p-Xylene	9.18	106	136531	25.000	ug/L	100
55) o-xylene	9.59	106	126560	25.000	ug/L	100
56) Styrene	9.60	104	209914	25.000	ug/L	100
57) Isopropylbenzene	9.97	105	341465	25.000	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	65405	25.000	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	53659	25.000	ug/L	100
62) Bromoform	9.77	173	41639	25.000	ug/L	100
63) 1,3-Dichlorobenzene	11.23	146	149474	25.000	ug/L	100
64) 1,4-Dichlorobenzene	11.32	146	152157	25.000	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	139283	25.000	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	10744	25.000	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	109371	25.000	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	76923	25.000	ug/L	100
69) Naphthalene	13.55	128	123145	25.000	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	70768	25.000	ug/L	100

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

