

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111219\
 Data File : VY000646.D
 Acq On : 12 Nov 2019 10:32
 Operator : SY/MD
 Sample : VSTD05081
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD05081

Quant Time: Nov 13 01:29:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 13 01:25:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	385870	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	357433	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	177584	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	275854	50.62	ug/L	0.00
7) Chloroethane-d5	2.76	69	240850	49.74	ug/L	0.00
10) 1,1-Dichloroethene-d2	3.86	63	489507	48.63	ug/L	0.00
20) 2-Butanone-d5	6.90	46	214120	95.23	ug/L	0.00
24) Chloroform-d	7.49	84	489628	48.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.16	65	277357	47.24	ug/L	0.00
29) Benzene-d6	8.12	84	997595	48.06	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.13	67	316022	48.58	ug/L	0.00
37) Toluene-d8	10.18	98	923353	47.62	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.44	79	151365	49.87	ug/L	0.00
39) 2-Hexanone-d5	10.79	63	180731	102.79	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	312369	49.36	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	326425	45.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	235924	46.267 ug/L	99
3) Chloromethane	2.12	50	315236	49.316 ug/L	94
5) Vinyl chloride	2.25	62	319027	50.009 ug/L	95
6) Bromomethane	2.65	94	172021	49.380 ug/L	95
8) Chloroethane	2.80	64	199093	49.771 ug/L	96
9) Trichlorofluoromethane	3.13	101	438344	48.514 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	3.90	101	258021	50.344 ug/L	98
12) 1,1-Dichloroethene	3.88	96	242617	48.498 ug/L	91
13) Acetone	3.96	43	138643	83.226 ug/L	98
14) Carbon disulfide	4.20	76	796800	51.619 ug/L	99
15) Methyl Acetate	4.49	43	175110	46.462 ug/L	98
16) Methylene chloride	4.72	84	278755	43.762 ug/L	97
17) Methyl tert-butyl Ether	5.23	73	754502	49.570 ug/L	99
18) trans-1,2-Dichloroethene	5.23	96	278634	49.872 ug/L	97
19) 1,1-Dichloroethane	6.03	63	495108	50.354 ug/L	94
21) 2-Butanone	7.00	43	255463	88.142 ug/L	98
22) cis-1,2-Dichloroethene	7.00	96	305572	49.448 ug/L	99
23) Bromochloromethane	7.35	128	132725	49.186 ug/L	86
25) Chloroform	7.52	83	508491	47.983 ug/L	100
27) 1,2-Dichloroethane	8.25	62	345074	48.709 ug/L	98
30) Cyclohexane	7.79	56	486985	49.929 ug/L	100
31) 1,1,1-Trichloroethane	7.71	97	434081	49.296 ug/L	100
32) Carbon tetrachloride	7.91	117	390864	50.926 ug/L	100
34) Benzene	8.17	78	1156284	49.480 ug/L	100
35) Trichloroethene	8.94	95	297847	48.609 ug/L	98
36) Methylcyclohexane	9.19	83	521260	49.703 ug/L	100
40) 1,2-Dichloropropane	9.22	63	290706	49.088 ug/L	99
41) Bromodichloromethane	9.50	83	383402	50.316 ug/L	97
42) cis-1,3-Dichloropropene	9.93	75	490860	51.452 ug/L	100
43) 4-Methyl-2-pentanone	10.07	43	561160	99.077 ug/L	99

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44) Toluene	10.25	91	1260413	49.894	ug/L	98
45) trans-1,3-Dichloropropene	10.47	75	417138	50.895	ug/L	95
46) 1,1,2-Trichloroethane	10.64	97	232847	47.935	ug/L	97
47) Tetrachloroethene	10.72	164	223956	48.948	ug/L	99
49) 2-Hexanone	10.83	43	418991	94.979	ug/L	99
50) Dibromochloromethane	10.99	129	278427	50.731	ug/L	96
51) 1,2-Dibromoethane	11.09	107	230751	48.815	ug/L	97
52) Chlorobenzene	11.52	112	788178	49.164	ug/L	100
53) Ethylbenzene	11.59	91	1452159	50.811	ug/L	98
54) m,p-Xylene	11.70	106	554714	51.288	ug/L	95
55) o-xylene	12.03	106	533199	50.226	ug/L	98
56) Styrene	12.05	104	940106	53.299	ug/L	96
57) Isopropylbenzene	12.33	105	1427636	51.689	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.58	83	312441	51.552	ug/L	100
59) 1,2,3-Trichloropropane	12.63	75	240498	48.799	ug/L	99
62) Bromoform	12.20	173	172293	51.083	ug/L	98
63) 1,3-Dichlorobenzene	13.36	146	618388	48.822	ug/L	98
64) 1,4-Dichlorobenzene	13.44	146	603995	47.704	ug/L	98
65) 1,2-Dichlorobenzene	13.74	146	567550	48.381	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.36	75	55667	49.943	ug/L	93
67) 1,3,5-Trichlorobenzene	14.50	180	422046	47.792	ug/L	99
68) 1,2,4-trichlorobenzene	15.01	180	366841	46.483	ug/L	98
69) Naphthalene	15.23	128	907702	46.152	ug/L	99
70) 1,2,3-Trichlorobenzene	15.42	180	335681	45.743	ug/L	99

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

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