

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111219\
 Data File : VY000645.D
 Acq On : 12 Nov 2019 10:11
 Operator : SY/MD
 Sample : VSTD02580
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02580

Quant Time: Nov 13 01:29:12 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	370824	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	342491	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	170514	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	138139	26.38	ug/L	0.00
7) Chloroethane-d5	2.76	69	116977	25.14	ug/L	0.00
10) 1,1-Dichloroethene-d2	3.86	63	246110	25.44	ug/L	0.00
20) 2-Butanone-d5	6.91	46	110919	51.33	ug/L	0.00
24) Chloroform-d	7.49	84	243684	25.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	140667	24.93	ug/L	0.00
29) Benzene-d6	8.12	84	500000	25.14	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.13	67	154130	24.73	ug/L	0.00
37) Toluene-d8	10.18	98	461700	24.85	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.44	79	73806	25.38	ug/L	0.00
39) 2-Hexanone-d5	10.79	63	88106	52.30	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	156721	25.85	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	164958	24.19	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	124871	25.482	ug/L 100
3) Chloromethane	2.12	50	161054	26.218	ug/L 100
5) Vinyl chloride	2.25	62	162669	26.534	ug/L 100
6) Bromomethane	2.65	94	83931	25.071	ug/L 100
8) Chloroethane	2.80	64	101776	26.475	ug/L 100
9) Trichlorofluoromethane	3.13	101	232824	26.813	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	134563	27.321	ug/L 100
12) 1,1-Dichloroethene	3.87	96	128805	26.792	ug/L 100
13) Acetone	3.96	43	74490	46.530	ug/L 100
14) Carbon disulfide	4.20	76	408437	27.533	ug/L 100
15) Methyl Acetate	4.49	43	97000	26.781	ug/L 100
16) Methylene chloride	4.72	84	150753	24.627	ug/L 100
17) Methyl tert-butyl Ether	5.23	73	394229	26.951	ug/L 100
18) trans-1,2-Dichloroethene	5.23	96	143483	26.723	ug/L 100
19) 1,1-Dichloroethane	6.03	63	250971	26.560	ug/L 100
21) 2-Butanone	7.00	43	141084	50.653	ug/L 100
22) cis-1,2-Dichloroethene	7.00	96	158900	26.756	ug/L 100
23) Bromochloromethane	7.35	128	68719	26.500	ug/L 100
25) Chloroform	7.52	83	263024	25.827	ug/L 100
27) 1,2-Dichloroethane	8.25	62	180646	26.534	ug/L 100
30) Cyclohexane	7.79	56	254582	27.240	ug/L 100
31) 1,1,1-Trichloroethane	7.71	97	226972	26.900	ug/L 100
32) Carbon tetrachloride	7.91	117	201471	27.395	ug/L 100
34) Benzene	8.17	78	592799	26.474	ug/L 100
35) Trichloroethene	8.95	95	158040	26.917	ug/L 100
36) Methylcyclohexane	9.19	83	271510	27.018	ug/L 100
40) 1,2-Dichloropropane	9.22	63	150396	26.504	ug/L 100
41) Bromodichloromethane	9.50	83	197130	26.999	ug/L 100
42) cis-1,3-Dichloropropene	9.93	75	249230	27.264	ug/L 100
43) 4-Methyl-2-pentanone	10.07	43	297926	54.896	ug/L 100

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44) Toluene	10.25	91	649895	26.849	ug/L	100
45) trans-1,3-Dichloropropene	10.47	75	214927	27.367	ug/L	100
46) 1,1,2-Trichloroethane	10.65	97	124538	26.756	ug/L	100
47) Tetrachloroethene	10.72	164	117654	26.837	ug/L	100
49) 2-Hexanone	10.83	43	223932	52.977	ug/L	100
50) Dibromochloromethane	10.99	129	141226	26.855	ug/L	100
51) 1,2-Dibromoethane	11.09	107	124292	27.441	ug/L	100
52) Chlorobenzene	11.52	112	408949	26.622	ug/L	100
53) Ethylbenzene	11.59	91	741443	27.075	ug/L	100
54) m,p-Xylene	11.70	106	285419	27.541	ug/L	100
55) o-xylene	12.03	106	273895	26.926	ug/L	100
56) Styrene	12.04	104	467142	27.640	ug/L	100
57) Isopropylbenzene	12.33	105	722490	27.300	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.58	83	162129	27.918	ug/L	100
59) 1,2,3-Trichloropropane	12.64	75	131467	27.840	ug/L	100
62) Bromoform	12.20	173	88385	27.292	ug/L	100
63) 1,3-Dichlorobenzene	13.36	146	321156	26.407	ug/L	100
64) 1,4-Dichlorobenzene	13.44	146	319891	26.313	ug/L	100
65) 1,2-Dichlorobenzene	13.73	146	291407	25.871	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.36	75	29103	27.193	ug/L	100
67) 1,3,5-Trichlorobenzene	14.50	180	223175	26.320	ug/L	100
68) 1,2,4-trichlorobenzene	15.01	180	192264	25.372	ug/L	100
69) Naphthalene	15.23	128	496794	26.307	ug/L	100
70) 1,2,3-Trichlorobenzene	15.42	180	181721	25.790	ug/L	100

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

