

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111920\
 Data File : VY003544.D
 Acq On : 19 Nov 2020 12:30
 Operator : SY/MD
 Sample : VSTD05079
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD05079

Quant Time: Nov 19 12:43:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 19 12:23:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	245646	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	222317	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	113805	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	109756	52.58	ug/L	0.00
7) Chloroethane-d5	2.77	69	104126	43.03	ug/L	0.00
10) 1,1-Dichloroethene-d2	3.86	63	285911	44.43	ug/L	0.00
20) 2-Butanone-d5	6.91	46	129110	99.80	ug/L	0.00
24) Chloroform-d	7.49	84	277016	44.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.14	65	152430	43.72	ug/L	0.00
29) Benzene-d6	8.11	84	571777	44.40	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.13	67	171250	44.73	ug/L	0.00
37) Toluene-d8	10.18	98	525936	45.89	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.44	79	86563	46.26	ug/L	0.00
39) 2-Hexanone-d5	10.79	63	98688	103.94	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	156206	48.92	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	164037	45.54	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.92	85	66860	48.914 ug/L	97
3) Chloromethane	2.12	50	129008	46.436 ug/L	100
5) Vinyl chloride	2.26	62	168086	62.854 ug/L	98
6) Bromomethane	2.66	94	125461	51.133 ug/L	98
8) Chloroethane	2.80	64	107282	50.221 ug/L	98
9) Trichlorofluoromethane	3.13	101	157326	51.483 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	156615	49.761 ug/L	99
12) 1,1-Dichloroethene	3.88	96	168295	49.760 ug/L	99
13) Acetone	3.97	43	88446	89.690 ug/L	96
14) Carbon disulfide	4.20	76	547838	50.228 ug/L	100
15) Methyl Acetate	4.49	43	118091	49.337 ug/L	99
16) Methylene chloride	4.72	84	173653	36.783 ug/L	98
17) Methyl tert-butyl Ether	5.23	73	262510	49.127 ug/L	# 97
18) trans-1,2-Dichloroethene	5.22	96	175390	48.518 ug/L	97
19) 1,1-Dichloroethane	6.03	63	296008	47.893 ug/L	98
21) 2-Butanone	7.00	43	153884	95.921 ug/L	99
22) cis-1,2-Dichloroethene	6.99	96	180386	47.708 ug/L	99
23) Bromochloromethane	7.35	128	86186	47.355 ug/L	97
25) Chloroform	7.51	83	289346	47.784 ug/L	100
27) 1,2-Dichloroethane	8.24	62	196988	48.106 ug/L	99
30) Cyclohexane	7.79	56	278264	52.670 ug/L	98
31) 1,1,1-Trichloroethane	7.71	97	239082	51.329 ug/L	98
32) Carbon tetrachloride	7.91	117	225925	51.264 ug/L	100
34) Benzene	8.16	78	679680	48.054 ug/L	100
35) Trichloroethene	8.94	95	171716	48.457 ug/L	99
36) Methylcyclohexane	9.19	83	277099	50.512 ug/L	99
40) 1,2-Dichloropropane	9.22	63	168395	48.043 ug/L	100
41) Bromodichloromethane	9.50	83	216140	48.134 ug/L	99
42) cis-1,3-Dichloropropene	9.93	75	273156	49.568 ug/L	97
43) 4-Methyl-2-pentanone	10.07	43	297404	99.872 ug/L	99

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44) Toluene	10.24	91	727582	49.564	ug/L	97
45) trans-1,3-Dichloropropene	10.47	75	251546	50.044	ug/L	99
46) 1,1,2-Trichloroethane	10.64	97	135660	48.206	ug/L	99
47) Tetrachloroethene	10.72	164	150517	48.173	ug/L	98
49) 2-Hexanone	10.83	43	228160	103.428	ug/L	99
50) Dibromochloromethane	10.99	129	165221	49.871	ug/L	95
51) 1,2-Dibromoethane	11.09	107	136135	48.722	ug/L	98
52) Chlorobenzene	11.52	112	458656	48.696	ug/L	100
53) Ethylbenzene	11.59	91	761671	51.071	ug/L	99
54) m,p-Xylene	11.70	106	296933	51.080	ug/L	100
55) o-xylene	12.03	106	249473	51.031	ug/L	93
56) Styrene	12.04	104	492720	51.907	ug/L	98
57) Isopropylbenzene	12.33	105	558098	51.799	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.58	83	161829	51.506	ug/L	99
59) 1,2,3-Trichloropropane	12.63	75	124123	50.705	ug/L	99
62) Bromoform	12.20	173	111612	47.654	ug/L	100
63) 1,3-Dichlorobenzene	13.36	146	339064	47.246	ug/L	98
64) 1,4-Dichlorobenzene	13.44	146	344317	46.625	ug/L	98
65) 1,2-Dichlorobenzene	13.73	146	284372	48.243	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.35	75	24110	52.101	ug/L	97
67) 1,3,5-Trichlorobenzene	14.50	180	184270	49.087	ug/L	98
68) 1,2,4-trichlorobenzene	15.00	180	164254	50.434	ug/L	99
69) Naphthalene	15.23	128	298761	51.774	ug/L	99
70) 1,2,3-Trichlorobenzene	15.42	180	120817	48.980	ug/L	98

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

