

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111820\
 Data File : VY003537.D
 Acq On : 18 Nov 2020 18:51
 Operator : SY/MD
 Sample : VSTD10079
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD10079

Quant Time: Nov 19 03:06:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 19 03:03:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	254267	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	234346	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	112798	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.26	65	248371	112.47	ug/L	0.00
7) Chloroethane-d5	2.77	69	235391	107.82	ug/L	0.00
10) 1,1-Dichloroethene-d2	3.86	63	625972	103.62	ug/L	0.00
20) 2-Butanone-d5	6.91	46	258785	191.73	ug/L	0.00
24) Chloroform-d	7.49	84	626677	103.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	344968	103.54	ug/L	0.00
29) Benzene-d6	8.11	84	1280107	101.79	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.13	67	391173	103.37	ug/L	0.00
37) Toluene-d8	10.18	98	1193207	103.72	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.44	79	195690	106.75	ug/L	0.00
39) 2-Hexanone-d5	10.79	63	203485	206.77	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	326591	100.69	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	360521	105.25	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.92	85	171894	106.835	ug/L 88
3) Chloromethane	2.12	50	288100	100.714	ug/L 96
5) Vinyl chloride	2.26	62	338251	105.938	ug/L 100
6) Bromomethane	2.66	94	258810	106.964	ug/L 98
8) Chloroethane	2.80	64	222198	101.492	ug/L 97
9) Trichlorofluoromethane	3.13	101	327879	102.424	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	315635	99.157	ug/L 99
12) 1,1-Dichloroethene	3.88	96	341645	99.927	ug/L 97
13) Acetone	3.97	43	159551	176.184	ug/L 99
14) Carbon disulfide	4.20	76	1109880	96.932	ug/L 100
15) Methyl Acetate	4.49	43	222581	93.702	ug/L 100
16) Methylene chloride	4.72	84	354878	88.839	ug/L 97
17) Methyl tert-butyl Ether	5.23	73	528200	95.238	ug/L 99
18) trans-1,2-Dichloroethene	5.23	96	352619	96.667	ug/L 97
19) 1,1-Dichloroethane	6.03	63	608969	97.295	ug/L 98
21) 2-Butanone	7.00	43	275792	173.133	ug/L 98
22) cis-1,2-Dichloroethene	6.99	96	374689	97.766	ug/L 99
23) Bromochloromethane	7.35	128	177091	94.441	ug/L 95
25) Chloroform	7.52	83	598861	98.312	ug/L 100
27) 1,2-Dichloroethane	8.24	62	398399	95.374	ug/L 99
30) Cyclohexane	7.79	56	567255	102.778	ug/L 99
31) 1,1,1-Trichloroethane	7.71	97	468724	95.821	ug/L 97
32) Carbon tetrachloride	7.91	117	455502	101.995	ug/L 97
34) Benzene	8.17	78	1386865	94.126	ug/L 100
35) Trichloroethene	8.94	95	346161	95.345	ug/L 99
36) Methylcyclohexane	9.19	83	596033	111.788	ug/L 94
40) 1,2-Dichloropropane	9.22	63	343567	93.309	ug/L 100
41) Bromodichloromethane	9.50	83	448490	97.101	ug/L 99
42) cis-1,3-Dichloropropene	9.93	75	566125	97.679	ug/L 96
43) 4-Methyl-2-pentanone	10.07	43	584769	195.252	ug/L 100

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44) Toluene	10.24	91	1477238	96.320	ug/L	99
45) trans-1,3-Dichloropropene	10.47	75	514870	97.619	ug/L	100
46) 1,1,2-Trichloroethane	10.64	97	277204	93.847	ug/L	99
47) Tetrachloroethene	10.72	164	304852	98.712	ug/L	97
49) 2-Hexanone	10.83	43	434835	181.261	ug/L	99
50) Dibromochloromethane	10.99	129	340502	97.192	ug/L	96
51) 1,2-Dibromoethane	11.09	107	274453	94.486	ug/L	94
52) Chlorobenzene	11.52	112	925221	94.881	ug/L	99
53) Ethylbenzene	11.59	91	1544489	98.755	ug/L	99
54) m,p-Xylene	11.70	106	598835	99.823	ug/L	98
55) o-xylene	12.03	106	505230	100.751	ug/L	98
56) Styrene	12.04	104	1000364	98.352	ug/L	98
57) Isopropylbenzene	12.33	105	1112269	100.831	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.58	83	310513	93.053	ug/L	98
59) 1,2,3-Trichloropropane	12.63	75	236596	94.178	ug/L	99
62) Bromoform	12.20	173	225535	99.975	ug/L	100
63) 1,3-Dichlorobenzene	13.36	146	674483	98.409	ug/L	97
64) 1,4-Dichlorobenzene	13.44	146	684760	97.886	ug/L	98
65) 1,2-Dichlorobenzene	13.73	146	559362	98.532	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.36	75	43482	96.363	ug/L	93
67) 1,3,5-Trichlorobenzene	14.50	180	352690	98.366	ug/L	100
68) 1,2,4-trichlorobenzene	15.00	180	328251	105.672	ug/L	99
69) Naphthalene	15.23	128	596157	105.651	ug/L	99
70) 1,2,3-Trichlorobenzene	15.42	180	239343	100.655	ug/L	99

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

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