

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111920\
 Data File : VY003543.D
 Acq On : 19 Nov 2020 12:09
 Operator : SY/MD
 Sample : VSTD02578
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02578

Quant Time: Nov 19 12:26:24 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	236170	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	215954	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	107427	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	57038	28.42	ug/L	0.00
7) Chloroethane-d5	2.77	69	52285	22.47	ug/L	0.00
10) 1,1-Dichloroethene-d2	3.86	63	149277	24.13	ug/L	0.00
20) 2-Butanone-d5	6.91	46	67150	53.99	ug/L	0.00
24) Chloroform-d	7.49	84	145923	24.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.14	65	81279	24.25	ug/L	0.00
29) Benzene-d6	8.11	84	303515	24.26	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.13	67	91003	24.47	ug/L	0.00
37) Toluene-d8	10.18	98	278994	25.06	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.44	79	45067	24.79	ug/L	0.00
39) 2-Hexanone-d5	10.78	63	48922	53.05	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	81199	26.18	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	86001	25.29	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	31232	23.766	ug/L	100
3) Chloromethane	2.12	50	65250	24.429	ug/L	100
5) Vinyl chloride	2.26	62	82890	32.240	ug/L	100
6) Bromomethane	2.66	94	60523	25.657	ug/L	100
8) Chloroethane	2.80	64	52759	25.689	ug/L	100
9) Trichlorofluoromethane	3.13	101	78497	26.718	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	78165	25.832	ug/L	100
12) 1,1-Dichloroethene	3.88	96	83678	25.734	ug/L	100
13) Acetone	3.97	43	43896	46.299	ug/L	100
14) Carbon disulfide	4.20	76	279593	26.663	ug/L	100
15) Methyl Acetate	4.49	43	59507	25.859	ug/L	100
16) Methylene chloride	4.72	84	89617	19.744	ug/L	100
17) Methyl tert-butyl Ether	5.23	73	132336	25.759	ug/L	100
18) trans-1,2-Dichloroethene	5.22	96	87383	25.142	ug/L	100
19) 1,1-Dichloroethane	6.02	63	149877	25.223	ug/L	100
21) 2-Butanone	7.00	43	78028	50.589	ug/L	100
22) cis-1,2-Dichloroethene	6.99	96	91390	25.140	ug/L	100
23) Bromochloromethane	7.35	128	43677	24.962	ug/L	100
25) Chloroform	7.52	83	147531	25.341	ug/L	100
27) 1,2-Dichloroethane	8.24	62	99956	25.389	ug/L	100
30) Cyclohexane	7.79	56	136539	26.606	ug/L	100
31) 1,1,1-Trichloroethane	7.71	97	118621	26.217	ug/L	100
32) Carbon tetrachloride	7.91	117	112751	26.338	ug/L	100
34) Benzene	8.16	78	344085	25.044	ug/L	100
35) Trichloroethene	8.94	95	86556	25.145	ug/L	100
36) Methylcyclohexane	9.19	83	136361	25.589	ug/L	100
40) 1,2-Dichloropropane	9.22	63	84772	24.898	ug/L	100
41) Bromodichloromethane	9.50	83	109216	25.039	ug/L	100
42) cis-1,3-Dichloropropene	9.93	75	137359	25.660	ug/L	100
43) 4-Methyl-2-pentanone	10.07	43	145682	50.363	ug/L	100

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44) Toluene	10.24	91	368572	25.847	ug/L	100
45) trans-1,3-Dichloropropene	10.47	75	124630	25.525	ug/L	100
46) 1,1,2-Trichloroethane	10.64	97	68428	25.032	ug/L	100
47) Tetrachloroethene	10.72	164	78204	25.767	ug/L	100
49) 2-Hexanone	10.83	43	115421	53.864	ug/L	100
50) Dibromochloromethane	10.99	129	82024	25.488	ug/L	100
51) 1,2-Dibromoethane	11.09	107	68360	25.187	ug/L	100
52) Chlorobenzene	11.52	112	233848	25.559	ug/L	100
53) Ethylbenzene	11.59	91	384081	26.512	ug/L	100
54) m,p-Xylene	11.70	106	148110	26.229	ug/L	100
55) o-xylene	12.03	106	126058	26.546	ug/L	100
56) Styrene	12.04	104	244372	26.502	ug/L	100
57) Isopropylbenzene	12.33	105	285886	27.316	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.58	83	80810	26.478	ug/L	100
59) 1,2,3-Trichloropropane	12.63	75	62452	26.264	ug/L	100
62) Bromoform	12.20	173	55165	24.952	ug/L	100
63) 1,3-Dichlorobenzene	13.36	146	174273	25.725	ug/L	100
64) 1,4-Dichlorobenzene	13.44	146	175035	25.109	ug/L	100
65) 1,2-Dichlorobenzene	13.74	146	142972	25.695	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.35	75	11600	26.555	ug/L	100
67) 1,3,5-Trichlorobenzene	14.50	180	92438	26.086	ug/L	100
68) 1,2,4-trichlorobenzene	15.00	180	80008	26.025	ug/L	100
69) Naphthalene	15.23	128	144145	26.463	ug/L	100
70) 1,2,3-Trichlorobenzene	15.42	180	59444	25.530	ug/L	100

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

