

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122320\
 Data File : VY003840.D
 Acq On : 23 Dec 2020 16:24
 Operator : SY/MD
 Sample : VSTD02581
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02581

Quant Time: Dec 23 16:54:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM122320S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 16:50:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	245406	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	231132	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	124470	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	90860	26.72	ug/L	0.00
7) Chloroethane-d5	2.77	69	61495	24.70	ug/L	0.00
10) 1,1-Dichloroethene-d2	3.86	63	156843	22.77	ug/L	0.00
20) 2-Butanone-d5	6.90	46	58391	42.10	ug/L	0.00
24) Chloroform-d	7.48	84	136627	22.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	89076	24.80	ug/L	0.00
29) Benzene-d6	8.12	84	340417	25.44	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.12	67	95277	23.39	ug/L	0.00
37) Toluene-d8	10.18	98	329030	26.88	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.43	79	50617	25.09	ug/L	0.00
39) 2-Hexanone-d5	10.79	63	49813	45.40	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	85540	24.08	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	126508	27.72	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	108118	25.368	ug/L 100
3) Chloromethane	2.12	50	99903	25.659	ug/L 100
5) Vinyl chloride	2.25	62	107823	27.279	ug/L 100
6) Bromomethane	2.66	94	58698	24.842	ug/L 100
8) Chloroethane	2.80	64	57411	25.367	ug/L 100
9) Trichlorofluoromethane	3.13	101	147997	25.036	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	88215	24.736	ug/L 100
12) 1,1-Dichloroethene	3.88	96	85781	25.149	ug/L 100
13) Acetone	3.95	43	39596	41.017	ug/L 100
14) Carbon disulfide	4.20	76	285313	24.070	ug/L 100
15) Methyl Acetate	4.48	43	48301	19.546	ug/L # 88
16) Methylene chloride	4.73	84	97640	22.113	ug/L 100
17) Methyl tert-butyl Ether	5.23	73	225981	23.988	ug/L 100
18) trans-1,2-Dichloroethene	5.23	96	93738	25.336	ug/L 100
19) 1,1-Dichloroethane	6.03	63	142759	22.934	ug/L 100
21) 2-Butanone	6.99	43	64102	38.640	ug/L 100
22) cis-1,2-Dichloroethene	6.99	96	100112	25.488	ug/L 100
23) Bromochloromethane	7.34	128	45042	24.240	ug/L 100
25) Chloroform	7.51	83	132031	21.791	ug/L 100
27) 1,2-Dichloroethane	8.24	62	104457	24.248	ug/L 100
30) Cyclohexane	7.79	56	127986	21.001	ug/L 100
31) 1,1,1-Trichloroethane	7.71	97	141664	25.030	ug/L 100
32) Carbon tetrachloride	7.90	117	132971	26.244	ug/L 100
34) Benzene	8.17	78	366518	24.914	ug/L 100
35) Trichloroethene	8.94	95	97272	24.711	ug/L 100
36) Methylcyclohexane	9.19	83	163488	24.532	ug/L 100
40) 1,2-Dichloropropane	9.22	63	85240	22.818	ug/L 100
41) Bromodichloromethane	9.50	83	115379	24.277	ug/L 100
42) cis-1,3-Dichloropropene	9.93	75	145056	24.172	ug/L 100
43) 4-Methyl-2-pentanone	10.07	43	141843	40.418	ug/L 100

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44) Toluene	10.24	91	411042	26.064	ug/L	100
45) trans-1,3-Dichloropropene	10.47	75	134070	24.449	ug/L	100
46) 1,1,2-Trichloroethane	10.64	97	78310	25.361	ug/L	100
47) Tetrachloroethene	10.72	164	85929	26.760	ug/L	100
49) 2-Hexanone	10.83	43	102689	42.716	ug/L	100
50) Dibromochloromethane	10.98	129	96309	26.369	ug/L	100
51) 1,2-Dibromoethane	11.09	107	75855	24.952	ug/L	100
52) Chlorobenzene	11.51	112	270358	26.585	ug/L	100
53) Ethylbenzene	11.59	91	443357	25.787	ug/L	100
54) m,p-Xylene	11.70	106	178383	26.695	ug/L	100
55) o-xylene	12.03	106	168953	26.958	ug/L	100
56) Styrene	12.04	104	294421	27.428	ug/L	100
57) Isopropylbenzene	12.32	105	446779	26.704	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.58	83	79764	22.783	ug/L	100
59) 1,2,3-Trichloropropane	12.64	75	65492	22.237	ug/L	100
62) Bromoform	12.21	173	66613	25.821	ug/L	100
63) 1,3-Dichlorobenzene	13.36	146	212602	26.132	ug/L	100
64) 1,4-Dichlorobenzene	13.44	146	221364	26.558	ug/L	100
65) 1,2-Dichlorobenzene	13.73	146	205329	27.115	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.35	75	16486	22.869	ug/L	100
67) 1,3,5-Trichlorobenzene	14.50	180	161591	28.103	ug/L	100
68) 1,2,4-trichlorobenzene	15.00	180	137606	27.954	ug/L	100
69) Naphthalene	15.23	128	299652	27.218	ug/L	100
70) 1,2,3-Trichlorobenzene	15.42	180	122340	27.446	ug/L	100

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

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