

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122320\
 Data File : VY003841.D
 Acq On : 23 Dec 2020 16:47
 Operator : SY/MD
 Sample : VSTD05082
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD05082

Quant Time: Dec 23 17:05:37 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	243025	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	229196	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	126928	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	177761	52.79	ug/L	0.00
7) Chloroethane-d5	2.77	69	104405	42.34	ug/L	0.00
10) 1,1-Dichloroethene-d2	3.86	63	306842	44.98	ug/L	0.00
20) 2-Butanone-d5	6.90	46	122724	89.35	ug/L	0.00
24) Chloroform-d	7.48	84	316598	51.72	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.14	65	181607	51.05	ug/L	0.00
29) Benzene-d6	8.11	84	676059	50.95	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.12	67	186668	46.21	ug/L	0.00
37) Toluene-d8	10.18	98	547863	45.14	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.43	79	100467	50.22	ug/L	0.00
39) 2-Hexanone-d5	10.79	63	108000	99.26	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	189139	53.69	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	249055	53.51	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	208866	49.486 ug/L	99
3) Chloromethane	2.12	50	194036	50.325 ug/L	97
5) Vinyl chloride	2.25	62	213969	54.665 ug/L	100
6) Bromomethane	2.66	94	111173	47.511 ug/L	99
8) Chloroethane	2.80	64	90379	40.324 ug/L	97
9) Trichlorofluoromethane	3.13	101	289031	49.373 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	170596	48.305 ug/L	99
12) 1,1-Dichloroethene	3.87	96	166398	49.261 ug/L	88
13) Acetone	3.95	43	80564	84.272 ug/L	99
14) Carbon disulfide	4.20	76	547194	46.616 ug/L	98
15) Methyl Acetate	4.48	43	99057	40.479 ug/L #	88
16) Methylene chloride	4.73	84	182331	41.699 ug/L	98
17) Methyl tert-butyl Ether	5.23	73	458246	49.121 ug/L	100
18) trans-1,2-Dichloroethene	5.23	96	183611	50.113 ug/L	92
19) 1,1-Dichloroethane	6.03	63	277755	45.059 ug/L	99
21) 2-Butanone	6.99	43	133034	80.977 ug/L	100
22) cis-1,2-Dichloroethene	6.99	96	196492	50.516 ug/L	95
23) Bromochloromethane	7.34	128	100120	54.408 ug/L	95
25) Chloroform	7.51	83	302175	50.361 ug/L	99
27) 1,2-Dichloroethane	8.24	62	208620	48.903 ug/L	98
30) Cyclohexane	7.79	56	270973	44.840 ug/L	96
31) 1,1,1-Trichloroethane	7.71	97	279992	49.888 ug/L	100
32) Carbon tetrachloride	7.90	117	261070	51.963 ug/L	100
34) Benzene	8.17	78	712768	48.859 ug/L	100
35) Trichloroethene	8.94	95	189080	48.439 ug/L	99
36) Methylcyclohexane	9.18	83	322060	48.734 ug/L	99
40) 1,2-Dichloropropane	9.22	63	166151	44.854 ug/L	98
41) Bromodichloromethane	9.50	83	231857	49.197 ug/L	99
42) cis-1,3-Dichloropropene	9.93	75	252652	42.458 ug/L	98
43) 4-Methyl-2-pentanone	10.07	43	220300	63.304 ug/L	98

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44) Toluene	10.25	91	704296	45.036	ug/L	99
45) trans-1,3-Dichloropropene	10.47	75	270739	49.790	ug/L	100
46) 1,1,2-Trichloroethane	10.64	97	152995	49.966	ug/L	98
47) Tetrachloroethene	10.72	164	165150	51.865	ug/L	99
49) 2-Hexanone	10.83	43	211125	88.565	ug/L	99
50) Dibromochloromethane	10.98	129	190503	52.600	ug/L	96
51) 1,2-Dibromoethane	11.09	107	153844	51.033	ug/L	100
52) Chlorobenzene	11.51	112	520547	51.619	ug/L	98
53) Ethylbenzene	11.59	91	868261	50.928	ug/L	99
54) m,p-Xylene	11.70	106	346494	52.290	ug/L	100
55) o-xylene	12.03	106	330529	53.185	ug/L	98
56) Styrene	12.04	104	575045	54.023	ug/L	99
57) Isopropylbenzene	12.32	105	871931	52.555	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.58	83	178510	51.418	ug/L	97
59) 1,2,3-Trichloropropane	12.63	75	143280	49.060	ug/L	99
62) Bromoform	12.21	173	135341	51.447	ug/L	99
63) 1,3-Dichlorobenzene	13.36	146	422985	50.985	ug/L	99
64) 1,4-Dichlorobenzene	13.44	146	424686	49.965	ug/L	98
65) 1,2-Dichlorobenzene	13.73	146	395395	51.203	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.35	75	33947	46.179	ug/L	98
67) 1,3,5-Trichlorobenzene	14.50	180	303505	51.762	ug/L	99
68) 1,2,4-trichlorobenzene	15.00	180	262652	52.323	ug/L	99
69) Naphthalene	15.23	128	610211	54.354	ug/L	99
70) 1,2,3-Trichlorobenzene	15.42	180	236693	52.071	ug/L	99

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

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