

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120420\
 Data File : VY003660.D
 Acq On : 04 Dec 2020 12:25
 Operator : SY/MD
 Sample : VSTD05080
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD05080

Quant Time: Dec 04 12:46:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 12:43:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	247579	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	241150	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	128794	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	176842	58.85	ug/L	0.00
7) Chloroethane-d5	2.77	69	128296	48.56	ug/L	0.00
10) 1,1-Dichloroethene-d2	3.86	63	328125	47.77	ug/L	0.00
20) 2-Butanone-d5	6.90	46	119386	89.22	ug/L	0.00
24) Chloroform-d	7.49	84	317138	49.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	179739	50.17	ug/L	0.00
29) Benzene-d6	8.12	84	686446	48.08	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.12	67	203987	48.80	ug/L	0.00
37) Toluene-d8	10.18	98	633958	49.57	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.44	79	102019	48.94	ug/L	0.00
39) 2-Hexanone-d5	10.79	63	102791	96.31	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	181718	49.65	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	232879	53.75	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	142831	87.567 ug/L	99
3) Chloromethane	2.12	50	150805	53.571 ug/L	100
5) Vinyl chloride	2.26	62	159722	49.113 ug/L	97
6) Bromomethane	2.66	94	99605	40.037 ug/L	99
8) Chloroethane	2.80	64	96404	44.093 ug/L	96
9) Trichlorofluoromethane	3.14	101	242479	69.234 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	155330	47.586 ug/L	99
12) 1,1-Dichloroethene	3.88	96	149289	44.577 ug/L	93
13) Acetone	3.96	43	85907	87.930 ug/L	100
14) Carbon disulfide	4.20	76	495157	44.779 ug/L	99
15) Methyl Acetate	4.49	43	113471	45.930 ug/L	99
16) Methylene chloride	4.73	84	169477	40.270 ug/L	97
17) Methyl tert-butyl Ether	5.23	73	432882	72.251 ug/L	100
18) trans-1,2-Dichloroethene	5.23	96	163429	45.983 ug/L	99
19) 1,1-Dichloroethane	6.03	63	275146	46.027 ug/L	98
21) 2-Butanone	7.00	43	148134	90.212 ug/L	97
22) cis-1,2-Dichloroethene	7.00	96	179686	48.947 ug/L	94
23) Bromochloromethane	7.35	128	86739	48.562 ug/L	98
25) Chloroform	7.51	83	282096	47.178 ug/L	99
27) 1,2-Dichloroethane	8.25	62	191964	47.429 ug/L	100
30) Cyclohexane	7.79	56	266660	46.634 ug/L	100
31) 1,1,1-Trichloroethane	7.71	97	248017	47.546 ug/L	100
32) Carbon tetrachloride	7.91	117	224827	45.779 ug/L	99
34) Benzene	8.17	78	669795	44.907 ug/L	100
35) Trichloroethene	8.94	95	185139	48.284 ug/L	97
36) Methylcyclohexane	9.18	83	292918	48.762 ug/L	99
40) 1,2-Dichloropropane	9.22	63	168859	45.736 ug/L	100
41) Bromodichloromethane	9.50	83	216974	46.177 ug/L	98
42) cis-1,3-Dichloropropene	9.93	75	276569	47.611 ug/L	97
43) 4-Methyl-2-pentanone	10.08	43	321822	102.025 ug/L	99

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44) Toluene	10.25	91	726876	46.161	ug/L	99
45) trans-1,3-Dichloropropene	10.47	75	251534	46.782	ug/L	98
46) 1,1,2-Trichloroethane	10.65	97	145873	48.819	ug/L	98
47) Tetrachloroethene	10.72	164	144662	44.523	ug/L	97
49) 2-Hexanone	10.83	43	236574	96.898	ug/L	99
50) Dibromochloromethane	10.98	129	172949	48.135	ug/L	99
51) 1,2-Dibromoethane	11.09	107	141906	47.842	ug/L	97
52) Chlorobenzene	11.51	112	469684	46.510	ug/L	99
53) Ethylbenzene	11.59	91	795454	48.891	ug/L	97
54) m,p-Xylene	11.70	106	310064	49.241	ug/L	96
55) o-xylene	12.03	106	298267	55.433	ug/L	100
56) Styrene	12.04	104	517067	50.249	ug/L	97
57) Isopropylbenzene	12.33	105	790795	62.655	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.58	83	159277	45.902	ug/L	97
59) 1,2,3-Trichloropropane	12.64	75	141849	50.993	ug/L	100
62) Bromoform	12.21	173	119282	46.274	ug/L	99
63) 1,3-Dichlorobenzene	13.36	146	374545	46.764	ug/L	99
64) 1,4-Dichlorobenzene	13.45	146	379802	45.902	ug/L	97
65) 1,2-Dichlorobenzene	13.74	146	350531	51.732	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.35	75	33107	55.868	ug/L	98
67) 1,3,5-Trichlorobenzene	14.50	180	268423	59.181	ug/L	100
68) 1,2,4-trichlorobenzene	15.00	180	234043	60.147	ug/L	99
69) Naphthalene	15.23	128	514468	71.157	ug/L	100
70) 1,2,3-Trichlorobenzene	15.42	180	211191	68.014	ug/L	99

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

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