

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003743.D
 Acq On : 14 Dec 2020 12:01
 Operator : SY/MD
 Sample : VSTD2.578
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD2.578

Quant Time: Dec 14 13:21:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 14 13:19:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	364537	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	338393	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	172969	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	12813	2.54	ug/L	0.00
7) Chloroethane-d5	2.77	69	9570	2.50	ug/L	0.00
10) 1,1-Dichloroethene-d2	3.86	63	26815	2.75	ug/L	0.00
20) 2-Butanone-d5	6.90	46	10195	5.27	ug/L	0.00
24) Chloroform-d	7.49	84	23858	2.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	14026	2.66	ug/L	0.00
29) Benzene-d6	8.12	84	50229	2.58	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.12	67	15788	2.71	ug/L	0.00
37) Toluene-d8	10.18	98	43497	2.49	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.44	79	7407	2.67	ug/L	0.00
39) 2-Hexanone-d5	10.79	63	7405	4.88	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	12744	2.46	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	15672	2.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	17345	3.927 ug/L	96
3) Chloromethane	2.12	50	15636	3.363 ug/L	99
5) Vinyl chloride	2.26	62	15096	3.103 ug/L	94
6) Bromomethane	2.66	94	9064	2.945 ug/L	100
8) Chloroethane	2.80	64	8650	2.936 ug/L	98
9) Trichlorofluoromethane	3.14	101	23265	3.132 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	13771	2.909 ug/L	99
12) 1,1-Dichloroethene	3.89	96	13051	2.941 ug/L #	76
13) Acetone	3.95	43	8231	5.929 ug/L	99
14) Carbon disulfide	4.20	76	45412	3.018 ug/L	98
15) Methyl Acetate	4.48	43	10239	2.921 ug/L #	77
16) Methylene chloride	4.73	84	21930	3.378 ug/L	94
17) Methyl tert-butyl Ether	5.24	73	34824	2.758 ug/L #	81
18) trans-1,2-Dichloroethene	5.24	96	13830	2.768 ug/L	91
19) 1,1-Dichloroethane	6.03	63	23799	2.810 ug/L	97
21) 2-Butanone	7.00	43	13896	5.687 ug/L	85
22) cis-1,2-Dichloroethene	7.00	96	14544	2.739 ug/L	94
23) Bromochloromethane	7.35	128	7116	2.688 ug/L	97
25) Chloroform	7.51	83	23400	2.750 ug/L	98
27) 1,2-Dichloroethane	8.25	62	16383	2.842 ug/L	98
30) Cyclohexane	7.79	56	23436	3.064 ug/L	99
31) 1,1,1-Trichloroethane	7.71	97	21303	2.872 ug/L	100
32) Carbon tetrachloride	7.90	117	18423	2.816 ug/L	98
34) Benzene	8.17	78	54522	2.761 ug/L	100
35) Trichloroethene	8.95	95	14637	2.706 ug/L	97
36) Methylcyclohexane	9.18	83	24645	2.933 ug/L	98
40) 1,2-Dichloropropane	9.22	63	14456	2.901 ug/L	98
41) Bromodichloromethane	9.50	83	17791	2.823 ug/L	93
42) cis-1,3-Dichloropropene	9.93	75	21792	2.777 ug/L	97
43) 4-Methyl-2-pentanone	10.08	43	27323	5.779 ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003743.D
 Acq On : 14 Dec 2020 12:01
 Operator : SY/MD
 Sample : VSTD2.578
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD2.578

Quant Time: Dec 14 13:21:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 14 13:19:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Toluene	10.25	91	55942	2.690	ug/L	95
45) trans-1,3-Dichloropropene	10.47	75	19864	2.745	ug/L	99
46) 1,1,2-Trichloroethane	10.65	97	11286	2.652	ug/L	98
47) Tetrachloroethene	10.72	164	12375	2.947	ug/L	94
49) 2-Hexanone	10.83	43	17281	5.191	ug/L	99
50) Dibromochloromethane	10.99	129	13016	2.617	ug/L	94
51) 1,2-Dibromoethane	11.09	107	10871	2.628	ug/L #	95
52) Chlorobenzene	11.51	112	37931	2.785	ug/L	96
53) Ethylbenzene	11.59	91	62252	2.735	ug/L	95
54) m,p-Xylene	11.70	106	24964	2.855	ug/L	98
55) o-xylene	12.03	106	21539	2.567	ug/L	98
56) Styrene	12.04	104	36359	2.538	ug/L	95
57) Isopropylbenzene	12.33	105	59613	2.714	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.58	83	13185	2.833	ug/L	99
59) 1,2,3-Trichloropropane	12.64	75	11177	2.728	ug/L	95
62) Bromoform	12.21	173	8378	2.523	ug/L	99
63) 1,3-Dichlorobenzene	13.37	146	28301	2.710	ug/L	99
64) 1,4-Dichlorobenzene	13.45	146	30084	2.845	ug/L	97
65) 1,2-Dichlorobenzene	13.74	146	26343	2.754	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.35	75	2860	3.195	ug/L	86
67) 1,3,5-Trichlorobenzene	14.50	180	19761	2.680	ug/L	98
68) 1,2,4-trichlorobenzene	15.01	180	17201	2.745	ug/L	98
69) Naphthalene	15.23	128	35666	2.656	ug/L	99
70) 1,2,3-Trichlorobenzene	15.42	180	15994	2.802	ug/L	97

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

