

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120420\
 Data File : VY003659.D
 Acq On : 04 Dec 2020 12:02
 Operator : SY/MD
 Sample : VSTD02579
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02579

Quant Time: Dec 04 12:45:48 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	239182	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	230391	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	123008	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	91136	31.39	ug/L	0.00
7) Chloroethane-d5	2.77	69	66266	25.96	ug/L	0.00
10) 1,1-Dichloroethene-d2	3.86	63	165994	25.02	ug/L	0.00
20) 2-Butanone-d5	6.91	46	58892	45.56	ug/L	0.00
24) Chloroform-d	7.49	84	162613	26.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	89094	25.74	ug/L	0.00
29) Benzene-d6	8.12	84	350965	25.73	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.12	67	104304	26.12	ug/L	0.00
37) Toluene-d8	10.18	98	321848	26.34	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.44	79	51530	25.87	ug/L	0.00
39) 2-Hexanone-d5	10.79	63	51269	50.28	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	95080	27.19	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	119431	28.86	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	70147	44.516	ug/L 100
3) Chloromethane	2.11	50	72509	26.662	ug/L 100
5) Vinyl chloride	2.25	62	78309	24.924	ug/L 100
6) Bromomethane	2.66	94	52512	21.849	ug/L 100
8) Chloroethane	2.80	64	46961	22.233	ug/L 100
9) Trichlorofluoromethane	3.13	101	120603	35.644	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	77404	24.546	ug/L 100
12) 1,1-Dichloroethene	3.88	96	75062	23.200	ug/L 100
13) Acetone	3.97	43	41834	44.322	ug/L 100
14) Carbon disulfide	4.20	76	246561	23.081	ug/L 100
15) Methyl Acetate	4.49	43	55828	23.391	ug/L 100
16) Methylene chloride	4.73	84	86419	21.255	ug/L 100
17) Methyl tert-butyl Ether	5.23	73	210528	36.372	ug/L 100
18) trans-1,2-Dichloroethene	5.23	96	81269	23.669	ug/L 100
19) 1,1-Dichloroethane	6.03	63	136634	23.659	ug/L 100
21) 2-Butanone	7.00	43	73827	46.538	ug/L 100
22) cis-1,2-Dichloroethene	7.00	96	87624	24.707	ug/L 100
23) Bromochloromethane	7.34	128	42874	24.846	ug/L 100
25) Chloroform	7.51	83	138583	23.990	ug/L 100
27) 1,2-Dichloroethane	8.25	62	94908	24.272	ug/L 100
30) Cyclohexane	7.79	56	128313	23.487	ug/L 100
31) 1,1,1-Trichloroethane	7.71	97	122961	24.673	ug/L 100
32) Carbon tetrachloride	7.90	117	111331	23.728	ug/L 100
34) Benzene	8.17	78	331702	23.278	ug/L 100
35) Trichloroethene	8.94	95	90235	24.632	ug/L 100
36) Methylcyclohexane	9.19	83	143718	25.042	ug/L 100
40) 1,2-Dichloropropane	9.22	63	83462	23.662	ug/L 100
41) Bromodichloromethane	9.50	83	105969	23.606	ug/L 100
42) cis-1,3-Dichloropropene	9.93	75	133939	24.134	ug/L 100
43) 4-Methyl-2-pentanone	10.08	43	159283	52.854	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.25	91	359096	23.870	ug/L	100
45) trans-1,3-Dichloropropene	10.47	75	124492	24.235	ug/L	100
46) 1,1,2-Trichloroethane	10.65	97	71982	25.215	ug/L	100
47) Tetrachloroethene	10.72	164	71548	23.049	ug/L	100
49) 2-Hexanone	10.83	43	114225	48.970	ug/L	100
50) Dibromochloromethane	10.98	129	85099	24.791	ug/L	100
51) 1,2-Dibromoethane	11.09	107	70490	24.875	ug/L	100
52) Chlorobenzene	11.51	112	232604	24.109	ug/L	100
53) Ethylbenzene	11.59	91	385967	24.831	ug/L	100
54) m,p-Xylene	11.70	106	152938	25.422	ug/L	100
55) o-xylene	12.03	106	145096	28.225	ug/L	100
56) Styrene	12.04	104	252113	25.645	ug/L	100
57) Isopropylbenzene	12.33	105	381975	31.677	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.58	83	78406	23.651	ug/L	100
59) 1,2,3-Trichloropropane	12.64	75	70180	26.407	ug/L	100
62) Bromoform	12.21	173	58821	23.892	ug/L	100
63) 1,3-Dichlorobenzene	13.36	146	185442	24.242	ug/L	100
64) 1,4-Dichlorobenzene	13.45	146	189114	23.931	ug/L	100
65) 1,2-Dichlorobenzene	13.74	146	173524	26.814	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.35	75	16010	28.287	ug/L	100
67) 1,3,5-Trichlorobenzene	14.50	180	132603	30.611	ug/L	100
68) 1,2,4-trichlorobenzene	15.00	180	112749	30.339	ug/L	100
69) Naphthalene	15.23	128	246079	35.637	ug/L	100
70) 1,2,3-Trichlorobenzene	15.42	180	103577	34.926	ug/L	100

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

