

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112320\
 Data File : VY003586.D
 Acq On : 23 Nov 2020 11:28
 Operator : SY/MD
 Sample : VSTD05035
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD050405

Quant Time: Nov 23 11:41:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL112320SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 23 11:38:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	223469	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	207370	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	107576	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	153232	47.42	ug/L	0.00
7) Chloroethane-d5	2.77	69	122930	47.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.85	63	326955	55.23	ug/L	0.00
21) 2-Butanone-d5	6.90	46	138716	121.27	ug/L	0.00
24) Chloroform-d	7.48	84	307536	61.25	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.14	65	168931	51.33	ug/L	0.00
32) Benzene-d6	8.11	84	644080	56.64	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.12	67	195060	54.85	ug/L	0.00
41) Toluene-d8	10.17	98	591641	55.38	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.44	79	96041	56.46	ug/L	0.00
47) 2-Hexanone-d5	10.78	63	111236	129.65	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	177501	56.29	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	186757	46.64	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.92	85	68356	18.966	ug/L 97
3) Chloromethane	2.12	50	109872	27.171	ug/L 95
5) Vinyl chloride	2.26	62	160164	34.853	ug/L 97
6) Bromomethane	2.66	94	118791	43.166	ug/L 100
8) Chloroethane	2.80	64	100646	39.397	ug/L 100
9) Trichlorofluoromethane	3.13	101	121880	24.631	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	154444	47.872	ug/L 96
12) 1,1-Dichloroethene	3.88	96	163984	53.122	ug/L 87
13) Acetone	3.97	43	88471	111.662	ug/L 98
14) Carbon disulfide	4.20	76	521993	48.245	ug/L 98
15) Methyl Acetate	4.48	43	117210	60.686	ug/L 100
16) Methylene chloride	4.71	84	174906	45.165	ug/L 99
17) trans-1,2-Dichloroethene	5.22	96	173243	52.061	ug/L 96
18) Methyl tert-butyl Ether	5.22	73	264995	35.340	ug/L 100
19) 1,1-Dichloroethane	6.02	63	296377	50.999	ug/L 97
20) cis-1,2-Dichloroethene	6.99	96	183745	52.716	ug/L 96
22) 2-Butanone	7.00	43	153232	119.533	ug/L 99
23) Bromochloromethane	7.34	128	87577	52.075	ug/L 98
25) Chloroform	7.51	83	292254	44.199	ug/L 94
27) 1,2-Dichloroethane	8.24	62	198534	49.420	ug/L 99
29) Cyclohexane	7.78	56	270947	49.910	ug/L 99
30) 1,1,1-Trichloroethane	7.71	97	228603	44.011	ug/L 99
31) Carbon tetrachloride	7.90	117	223400	47.463	ug/L 100
33) Benzene	8.16	78	683389	52.262	ug/L 100
34) Trichloroethene	8.94	95	169953	48.942	ug/L 93
35) Methylcyclohexane	9.18	83	271562	47.128	ug/L 98
37) 1,2-Dichloropropane	9.22	63	172215	52.200	ug/L 100
38) Bromodichloromethane	9.50	83	219771	50.791	ug/L 97
39) cis-1,3-Dichloropropene	9.92	75	278874	53.230	ug/L 94
40) 4-Methyl-2-pentanone	10.07	43	306114	114.377	ug/L 99

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

42) Toluene	10.24	91	732566	51.851	ug/L	99
44) trans-1,3-Dichloropropene	10.46	75	256974	53.565	ug/L	98
45) 1,1,2-Trichloroethane	10.64	97	142168	54.386	ug/L	97
46) Tetrachloroethene	10.72	164	148025	47.760	ug/L	97
48) 2-Hexanone	10.83	43	243253	125.947	ug/L	98
49) Dibromochloromethane	10.98	129	169089	52.832	ug/L	99
50) 1,2-Dibromoethane	11.08	107	140503	55.986	ug/L	99
51) Chlorobenzene	11.51	112	462924	50.313	ug/L	99
52) Ethylbenzene	11.59	91	769453	49.657	ug/L	99
53) m,p-Xylene	11.70	106	300004	50.633	ug/L	97
54) o-Xylene	12.03	106	251537	44.834	ug/L	99
55) Styrene	12.04	104	503978	51.111	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.58	83	175121	56.596	ug/L	95
59) Bromoform	12.20	173	116536	53.909	ug/L	100
60) Isopropylbenzene	12.33	105	555902	39.154	ug/L	99
61) 1,2,3-Trichloropropane	12.63	75	128323	54.084	ug/L	99
62) 1,3,5-Trimethylbenzene	12.81	105	417983	36.281	ug/L	98
63) 1,2,4-Trimethylbenzene	13.11	105	451193	40.854	ug/L	100
64) 1,3-Dichlorobenzene	13.36	146	347808	48.040	ug/L	98
65) 1,4-Dichlorobenzene	13.44	146	352011	47.974	ug/L	98
67) 1,2-Dichlorobenzene	13.73	146	294863	45.110	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.35	75	24133	43.683	ug/L	97
69) 1,3,5-Trichlorobenzene	14.50	180	188668	36.544	ug/L	99
70) 1,2,4-trichlorobenzene	15.00	180	171678	39.700	ug/L	99
71) Naphthalene	15.23	128	324413	41.580	ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	127395	34.759	ug/L	98

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

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