

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111820\
 Data File : VY003535.D
 Acq On : 18 Nov 2020 18:08
 Operator : SY/MD
 Sample : VSTD02577
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02577

Quant Time: Nov 19 03:05:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 19 03:03:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	240573	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	219483	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	109080	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.26	65	52234	25.00	ug/L	0.00
7) Chloroethane-d5	2.77	69	51641	25.00	ug/L	0.00
10) 1,1-Dichloroethene-d2	3.86	63	142890	25.00	ug/L	0.00
20) 2-Butanone-d5	6.91	46	63851	50.00	ug/L	0.00
24) Chloroform-d	7.49	84	142723	25.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	78804	25.00	ug/L	0.00
29) Benzene-d6	8.11	84	294455	25.00	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.13	67	88602	25.00	ug/L	0.00
37) Toluene-d8	10.18	98	269363	25.00	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.44	79	42922	25.00	ug/L	0.00
39) 2-Hexanone-d5	10.79	63	46085	50.00	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	75944	25.00	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	82809	25.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.92	85	38058	25.000	ug/L 100
3) Chloromethane	2.11	50	67663	25.000	ug/L 100
5) Vinyl chloride	2.26	62	75524	25.000	ug/L 100
6) Bromomethane	2.67	94	57232	25.000	ug/L 100
8) Chloroethane	2.81	64	51785	25.000	ug/L 100
9) Trichlorofluoromethane	3.13	101	75720	25.000	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	75294	25.000	ug/L 100
12) 1,1-Dichloroethene	3.88	96	80870	25.000	ug/L 100
13) Acetone	3.97	43	42841	50.000	ug/L 100
14) Carbon disulfide	4.20	76	270835	25.000	ug/L 100
15) Methyl Acetate	4.49	43	56187	25.000	ug/L 100
16) Methylene chloride	4.72	84	94487	25.000	ug/L 100
17) Methyl tert-butyl Ether	5.23	73	131185	25.000	ug/L 100
18) trans-1,2-Dichloroethene	5.23	96	86283	25.000	ug/L 100
19) 1,1-Dichloroethane	6.03	63	148047	25.000	ug/L 100
21) 2-Butanone	7.00	43	75358	50.000	ug/L 100
22) cis-1,2-Dichloroethene	6.99	96	90653	25.000	ug/L 100
23) Bromochloromethane	7.35	128	44354	25.000	ug/L 100
25) Chloroform	7.52	83	144084	25.000	ug/L 100
27) 1,2-Dichloroethane	8.24	62	98806	25.000	ug/L 100
30) Cyclohexane	7.79	56	129229	25.000	ug/L 100
31) 1,1,1-Trichloroethane	7.71	97	114536	25.000	ug/L 100
32) Carbon tetrachloride	7.91	117	104567	25.000	ug/L 100
34) Benzene	8.17	78	344991	25.000	ug/L 100
35) Trichloroethene	8.94	95	85009	25.000	ug/L 100
36) Methylcyclohexane	9.19	83	124841	25.000	ug/L 100
40) 1,2-Dichloropropane	9.22	63	86213	25.000	ug/L 100
41) Bromodichloromethane	9.50	83	108147	25.000	ug/L 100
42) cis-1,3-Dichloropropene	9.93	75	135705	25.000	ug/L 100
43) 4-Methyl-2-pentanone	10.07	43	140250	50.000	ug/L 100

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44) Toluene	10.24	91	359103	25.000	ug/L	100
45) trans-1,3-Dichloropropene	10.47	75	123494	25.000	ug/L	100
46) 1,1,2-Trichloroethane	10.64	97	69161	25.000	ug/L	100
47) Tetrachloroethene	10.72	164	72311	25.000	ug/L	100
49) 2-Hexanone	10.83	43	112340	50.000	ug/L	100
50) Dibromochloromethane	10.99	129	82030	25.000	ug/L	100
51) 1,2-Dibromoethane	11.09	107	68012	25.000	ug/L	100
52) Chlorobenzene	11.52	112	228323	25.000	ug/L	100
53) Ethylbenzene	11.59	91	366192	25.000	ug/L	100
54) m,p-Xylene	11.70	106	140462	25.000	ug/L	100
55) o-xylene	12.03	106	117415	25.000	ug/L	100
56) Styrene	12.04	104	238154	25.000	ug/L	100
57) Isopropylbenzene	12.33	105	258284	25.000	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.58	83	78133	25.000	ug/L	100
59) 1,2,3-Trichloropropane	12.63	75	58822	25.000	ug/L	100
62) Bromoform	12.20	173	54539	25.000	ug/L	100
63) 1,3-Dichlorobenzene	13.36	146	165699	25.000	ug/L	100
64) 1,4-Dichlorobenzene	13.44	146	169123	25.000	ug/L	100
65) 1,2-Dichlorobenzene	13.73	146	137246	25.000	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.36	75	10909	25.000	ug/L	100
67) 1,3,5-Trichlorobenzene	14.50	180	86683	25.000	ug/L	100
68) 1,2,4-trichlorobenzene	15.00	180	75098	25.000	ug/L	100
69) Naphthalene	15.23	128	136418	25.000	ug/L	100
70) 1,2,3-Trichlorobenzene	15.42	180	57487	25.000	ug/L	100

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

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