

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111920\
 Data File : VY003545.D
 Acq On : 19 Nov 2020 12:52
 Operator : SY/MD
 Sample : VSTD10080
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD10080

Quant Time: Nov 19 13:03:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 19 12:23:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	246180	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	222000	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	111115	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.26	65	231483	110.66	ug/L	0.00
7) Chloroethane-d5	2.77	69	225432	92.96	ug/L	0.00
10) 1,1-Dichloroethene-d2	3.86	63	586403	90.94	ug/L	0.00
20) 2-Butanone-d5	6.91	46	273881	211.24	ug/L	0.00
24) Chloroform-d	7.49	84	579461	93.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	323527	92.59	ug/L	0.00
29) Benzene-d6	8.12	84	1180636	91.80	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.13	67	356393	93.23	ug/L	0.00
37) Toluene-d8	10.18	98	1091510	95.38	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.44	79	181073	96.90	ug/L	0.00
39) 2-Hexanone-d5	10.79	63	208825	220.26	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	318340	99.85	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	340762	96.89	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	152448	111.288	ug/L	99
3) Chloromethane	2.12	50	270604	97.191	ug/L	98
5) Vinyl chloride	2.26	62	334239	124.715	ug/L	98
6) Bromomethane	2.66	94	253892	103.253	ug/L	99
8) Chloroethane	2.80	64	219663	102.606	ug/L	100
9) Trichlorofluoromethane	3.13	101	328493	107.262	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	306833	97.278	ug/L	98
12) 1,1-Dichloroethene	3.88	96	333560	98.411	ug/L	98
13) Acetone	3.97	43	171627	173.663	ug/L	96
14) Carbon disulfide	4.20	76	1083110	99.088	ug/L	99
15) Methyl Acetate	4.49	43	232328	96.853	ug/L	100
16) Methylene chloride	4.72	84	336513	71.125	ug/L	100
17) Methyl tert-butyl Ether	5.23	73	515689	96.298	ug/L	# 90
18) trans-1,2-Dichloroethene	5.22	96	343910	94.928	ug/L	96
19) 1,1-Dichloroethane	6.03	63	584441	94.355	ug/L	99
21) 2-Butanone	7.00	43	302989	188.452	ug/L	99
22) cis-1,2-Dichloroethene	6.99	96	359396	94.845	ug/L	98
23) Bromochloromethane	7.35	128	170136	93.280	ug/L	95
25) Chloroform	7.52	83	574382	94.650	ug/L	100
27) 1,2-Dichloroethane	8.24	62	386357	94.146	ug/L	99
30) Cyclohexane	7.79	56	554802	105.163	ug/L	98
31) 1,1,1-Trichloroethane	7.71	97	462257	99.385	ug/L	100
32) Carbon tetrachloride	7.91	117	452053	102.721	ug/L	99
34) Benzene	8.17	78	1325007	93.813	ug/L	100
35) Trichloroethene	8.94	95	338127	95.554	ug/L	99
36) Methylcyclohexane	9.19	83	573915	104.767	ug/L	99
40) 1,2-Dichloropropane	9.22	63	329093	94.024	ug/L	100
41) Bromodichloromethane	9.50	83	432496	96.453	ug/L	100
42) cis-1,3-Dichloropropene	9.93	75	546536	99.319	ug/L	97
43) 4-Methyl-2-pentanone	10.07	43	596170	200.488	ug/L	99

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44) Toluene	10.24	91	1422370	97.032	ug/L	99
45) trans-1,3-Dichloropropene	10.47	75	499888	99.592	ug/L	100
46) 1,1,2-Trichloroethane	10.64	97	266880	94.970	ug/L	99
47) Tetrachloroethene	10.72	164	294218	94.299	ug/L	97
49) 2-Hexanone	10.83	43	460963	209.259	ug/L	100
50) Dibromochloromethane	10.99	129	327954	99.133	ug/L	97
51) 1,2-Dibromoethane	11.09	107	269637	96.639	ug/L	98
52) Chlorobenzene	11.52	112	890499	94.679	ug/L	99
53) Ethylbenzene	11.59	91	1504407	101.016	ug/L	99
54) m,p-Xylene	11.70	106	579905	99.900	ug/L	100
55) o-xylene	12.03	106	489699	100.314	ug/L	92
56) Styrene	12.04	104	971618	102.504	ug/L	97
57) Isopropylbenzene	12.33	105	1082142	100.580	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.58	83	315006	100.402	ug/L	99
59) 1,2,3-Trichloropropane	12.63	75	241548	98.815	ug/L	100
62) Bromoform	12.20	173	223628	97.791	ug/L	100
63) 1,3-Dichlorobenzene	13.36	146	657993	93.905	ug/L	99
64) 1,4-Dichlorobenzene	13.44	146	668515	92.716	ug/L	99
65) 1,2-Dichlorobenzene	13.74	146	548971	95.386	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.35	75	45545	100.804	ug/L	99
67) 1,3,5-Trichlorobenzene	14.50	180	350920	95.743	ug/L	99
68) 1,2,4-trichlorobenzene	15.00	180	326124	102.559	ug/L	100
69) Naphthalene	15.23	128	601821	106.818	ug/L	99
70) 1,2,3-Trichlorobenzene	15.42	180	235700	97.868	ug/L	99

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

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