

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120420\
 Data File : VY003661.D
 Acq On : 04 Dec 2020 12:48
 Operator : SY/MD
 Sample : VSTD10081
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD10081

Quant Time: Dec 04 13:04:00 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	254667	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	244631	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	130550	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	356235	115.25	ug/L	0.00
7) Chloroethane-d5	2.77	69	260564	95.88	ug/L	0.00
10) 1,1-Dichloroethene-d2	3.86	63	677940	95.96	ug/L	0.00
20) 2-Butanone-d5	6.90	46	243165	176.66	ug/L	0.00
24) Chloroform-d	7.49	84	643431	97.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	358867	97.37	ug/L	0.00
29) Benzene-d6	8.12	84	1380749	95.33	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.12	67	410587	96.83	ug/L	0.00
37) Toluene-d8	10.18	98	1264121	97.43	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.44	79	207368	98.06	ug/L	0.00
39) 2-Hexanone-d5	10.79	63	205079	189.41	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	359314	96.78	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	454407	103.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	298066	177.652	ug/L 100
3) Chloromethane	2.12	50	315116	108.824	ug/L 100
5) Vinyl chloride	2.26	62	332379	99.358	ug/L 99
6) Bromomethane	2.65	94	217319	84.923	ug/L 98
8) Chloroethane	2.80	64	197786	87.946	ug/L 97
9) Trichlorofluoromethane	3.13	101	508587	141.173	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	327577	97.562	ug/L 98
12) 1,1-Dichloroethene	3.88	96	315166	91.488	ug/L 99
13) Acetone	3.96	43	175656	174.788	ug/L 98
14) Carbon disulfide	4.20	76	1032045	90.735	ug/L 99
15) Methyl Acetate	4.49	43	233596	91.922	ug/L 100
16) Methylene chloride	4.73	84	351121	81.109	ug/L 98
17) Methyl tert-butyl Ether	5.23	73	921522	149.527	ug/L 99
18) trans-1,2-Dichloroethene	5.23	96	347434	95.035	ug/L 99
19) 1,1-Dichloroethane	6.03	63	581616	94.587	ug/L 98
21) 2-Butanone	7.00	43	307492	182.047	ug/L 98
22) cis-1,2-Dichloroethene	7.00	96	375341	99.397	ug/L 99
23) Bromochloromethane	7.34	128	182577	99.373	ug/L 96
25) Chloroform	7.51	83	590119	95.945	ug/L 100
27) 1,2-Dichloroethane	8.25	62	398225	95.651	ug/L 98
30) Cyclohexane	7.79	56	564318	97.284	ug/L 99
31) 1,1,1-Trichloroethane	7.71	97	522604	98.761	ug/L 100
32) Carbon tetrachloride	7.91	117	471789	94.698	ug/L 99
34) Benzene	8.17	78	1382674	91.383	ug/L 100
35) Trichloroethene	8.94	95	380350	97.783	ug/L 99
36) Methylcyclohexane	9.19	83	614470	100.836	ug/L 99
40) 1,2-Dichloropropane	9.22	63	351287	93.794	ug/L 99
41) Bromodichloromethane	9.50	83	454097	95.266	ug/L 98
42) cis-1,3-Dichloropropene	9.93	75	577910	98.070	ug/L 98
43) 4-Methyl-2-pentanone	10.08	43	670906	209.666	ug/L 100

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44) Toluene	10.25	91	1504853	94.208	ug/L	98
45) trans-1,3-Dichloropropene	10.47	75	535251	98.133	ug/L	100
46) 1,1,2-Trichloroethane	10.65	97	298844	98.591	ug/L	98
47) Tetrachloroethene	10.72	164	298551	90.578	ug/L	96
49) 2-Hexanone	10.83	43	483351	195.158	ug/L	99
50) Dibromochloromethane	10.98	129	359880	98.735	ug/L	99
51) 1,2-Dibromoethane	11.09	107	299875	99.662	ug/L	99
52) Chlorobenzene	11.51	112	971047	94.788	ug/L	100
53) Ethylbenzene	11.59	91	1659346	100.538	ug/L	98
54) m,p-Xylene	11.70	106	645458	101.047	ug/L	97
55) o-xylene	12.03	106	614776	112.630	ug/L	97
56) Styrene	12.04	104	1087833	104.212	ug/L	98
57) Isopropylbenzene	12.33	105	1639661	128.062	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.58	83	326218	92.675	ug/L	96
59) 1,2,3-Trichloropropane	12.64	75	289242	102.499	ug/L	100
62) Bromoform	12.21	173	249774	95.593	ug/L	99
63) 1,3-Dichlorobenzene	13.37	146	763156	94.002	ug/L	98
64) 1,4-Dichlorobenzene	13.45	146	765010	91.213	ug/L	98
65) 1,2-Dichlorobenzene	13.74	146	703507	102.429	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.35	75	67246	111.950	ug/L	97
67) 1,3,5-Trichlorobenzene	14.50	180	529511	115.174	ug/L	100
68) 1,2,4-trichlorobenzene	15.01	180	469841	119.121	ug/L	99
69) Naphthalene	15.23	128	1070694	146.098	ug/L	100
70) 1,2,3-Trichlorobenzene	15.42	180	431943	137.236	ug/L	99

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

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