Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122320\
Data File : VY003838.D
Acq On : 23 Dec 2020 15:39
Operator : SY/MD
Sample : VSTD2.579
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.579

Manual Integrations APPROVED
MMDadoda
12/24/2020 2:34:25 PM

Quant Time: Dec 23 17:01:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM122320S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 23 16:50:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	246598	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.49	117	230878	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	121304	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.25	65	11083	3.24	ug/L		0.00
7) Chloroethane-d5	2.77	69	5911	2.36	ug/L		0.00
10) 1,1-Dichloroethene-d2	3.86	63	17933	2.59	ug/L		0.00
20) 2-Butanone-d5	6.90	46	6361	4.56	ug/L		0.00
24) Chloroform-d	7.48	84	17792	2.86	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.15	65	10114	2.80	ug/L		0.00
29) Benzene-d6	8.12	84	38402	2.87	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.12	67	10163	2.50	ug/L		0.00
37) Toluene-d8	10.18	98	35222	2.88	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.43	79	5438	2.70	ug/L		0.00
39) 2-Hexanone-d5	10.78	63	5240	4.78	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	10165	2.86	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	13720	3.08	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.91	85	11289	2.636	ug/L		99
3) Chloromethane	2.12	50	10983	2.807	ug/L		96
5) Vinyl chloride	2.25	62	11239	2.830	ug/L		93
6) Bromomethane	2.66	94	5739	2.417	ug/L		93
8) Chloroethane	2.80	64	4611	2.027	ug/L		98
9) Trichlorofluoromethane	3.14	101	14883	2.505	ug/L		97
11) 1,1,2-Trichloro-1,2,2-trif	3.92	101	8823	2.462	ug/L		96
12) 1,1-Dichloroethene	3.87	96	9243	2.697	ug/L	#	77
13) Acetone	3.96	43	4843	4.993	ug/L		64
14) Carbon disulfide	4.20	76	28876	2.424	ug/L		99
15) Methyl Acetate	4.48	43	5502m	2.216	ug/L		
16) Methylene chloride	4.72	84	15603	3.517	ug/L		94
17) Methyl tert-butyl Ether	5.23	73	22879	2.417	ug/L	#	83
18) trans-1,2-Dichloroethene	5.23	96	9586	2.578	ug/L		97
19) 1,1-Dichloroethane	6.03	63	14703	2.351	ug/L		94
21) 2-Butanone	7.00	43	7584	4.549	ug/L		75
22) cis-1,2-Dichloroethene	7.00	96	9918	2.513	ug/L		91
23) Bromochloromethane	7.35	128	5164	2.766	ug/L	#	91
25) Chloroform	7.51	83	16198	2.660	ug/L		99
27) 1,2-Dichloroethane	8.24	62	10367	2.395	ug/L		96
30) Cyclohexane	7.79	56	13066	2.146	ug/L		98
31) 1,1,1-Trichloroethane	7.72	97	14720	2.604	ug/L		97
32) Carbon tetrachloride	7.90	117	13678	2.703	ug/L		94
34) Benzene	8.16	78	37238	2.534	ug/L		100
35) Trichloroethene	8.94	95	9739	2.477	ug/L		98
36) Methylcyclohexane	9.18	83	15378	2.310	ug/L		100
40) 1,2-Dichloropropane	9.22	63	8708	2.334	ug/L	#	92
41) Bromodichloromethane	9.50	83	11870	2.500	ug/L		93
42) cis-1,3-Dichloropropene	9.93	75	14464	2.413	ug/L		95
43) 4-Methyl-2-pentanone	10.07	43	13461	3.840	ug/L		95

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44) Toluene	10.25	91	39619	2.515	ug/L		99
45) trans-1,3-Dichloropropene	10.47	75	13077	2.387	ug/L		96
46) 1,1,2-Trichloroethane	10.65	97	7836	2.540	ug/L		94
47) Tetrachloroethene	10.72	164	8725	2.720	ug/L		97
49) 2-Hexanone	10.83	43	9821	4.090	ug/L		96
50) Dibromochloromethane	10.98	129	9765	2.677	ug/L		99
51) 1,2-Dibromoethane	11.09	107	7830	2.578	ug/L	#	93
52) Chlorobenzene	11.51	112	27773	2.734	ug/L		97
53) Ethylbenzene	11.59	91	41910	2.440	ug/L		94
54) m,p-Xylene	11.70	106	14593	2.186	ug/L		95
55) o-xylene	12.03	106	16109	2.573	ug/L		82
56) Styrene	12.04	104	26544	2.476	ug/L		97
57) Isopropylbenzene	12.32	105	41251	2.468	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.58	83	9083	2.597	ug/L		92
59) 1,2,3-Trichloropropane	12.64	75	7668	2.606	ug/L		97
62) Bromoform	12.21	173	6216	2.472	ug/L		99
63) 1,3-Dichlorobenzene	13.36	146	21329	2.690	ug/L		94
64) 1,4-Dichlorobenzene	13.44	146	22902	2.819	ug/L		98
65) 1,2-Dichlorobenzene	13.73	146	20673	2.801	ug/L		100
66) 1,2-Dibromo-3-chloropropan	14.35	75	1984	2.824	ug/L		82
67) 1,3,5-Trichlorobenzene	14.50	180	15663	2.795	ug/L		98
68) 1,2,4-trichlorobenzene	15.00	180	12892	2.687	ug/L		95
69) Naphthalene	15.23	128	26530	2.473	ug/L		98
70) 1,2,3-Trichlorobenzene	15.42	180	11417	2.628	ug/L		99

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

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