Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003743.D
Acq On : 14 Dec 2020 12:01
Operator : SY/MD
Sample : VSTD2.578
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTD2.578

Quant Time: Dec 14 13:21:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 14 13:19:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	364537	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.49	117	338393	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	172969	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.25	65	12813	2.54	ug/L		0.00
7) Chloroethane-d5	2.77	69	9570	2.50	ug/L		0.00
10) 1,1-Dichloroethene-d2	3.86	63	26815	2.75	ug/L		0.00
20) 2-Butanone-d5	6.90	46	10195	5.27	ug/L		0.00
24) Chloroform-d	7.49	84	23858	2.56	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.15	65	14026	2.66	ug/L		0.00
29) Benzene-d6	8.12	84	50229	2.58	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.12	67	15788	2.71	ug/L		0.00
37) Toluene-d8	10.18	98	43497	2.49	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.44	79	7407	2.67	ug/L		0.00
39) 2-Hexanone-d5	10.79	63	7405	4.88	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	12744	2.46	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	15672	2.52	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.91	85	17345	3.927	ug/L		96
3) Chloromethane	2.12	50	15636	3.363	ug/L		99
5) Vinyl chloride	2.26	62	15096	3.103	ug/L		94
6) Bromomethane	2.66	94	9064	2.945	ug/L		100
8) Chloroethane	2.80	64	8650	2.936	ug/L		98
9) Trichlorofluoromethane	3.14	101	23265	3.132	ug/L		100
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	13771	2.909	ug/L		99
12) 1,1-Dichloroethene	3.89	96	13051	2.941	ug/L	#	76
13) Acetone	3.95	43	8231	5.929	ug/L		99
14) Carbon disulfide	4.20	76	45412	3.018	ug/L		98
15) Methyl Acetate	4.48	43	10239	2.921	ug/L	#	77
16) Methylene chloride	4.73	84	21930	3.378	ug/L		94
17) Methyl tert-butyl Ether	5.24	73	34824	2.758	ug/L	#	81
18) trans-1,2-Dichloroethene	5.24	96	13830	2.768	ug/L		91
19) 1,1-Dichloroethane	6.03	63	23799	2.810	ug/L		97
21) 2-Butanone	7.00	43	13896	5.687	ug/L		85
22) cis-1,2-Dichloroethene	7.00	96	14544	2.739	ug/L		94
23) Bromochloromethane	7.35	128	7116	2.688	ug/L		97
25) Chloroform	7.51	83	23400	2.750	ug/L		98
27) 1,2-Dichloroethane	8.25	62	16383	2.842	ug/L		98
30) Cyclohexane	7.79	56	23436	3.064	ug/L		99
31) 1,1,1-Trichloroethane	7.71	97	21303	2.872	ug/L		100
32) Carbon tetrachloride	7.90	117	18423	2.816	ug/L		98
34) Benzene	8.17	78	54522	2.761	ug/L		100
35) Trichloroethene	8.95	95	14637	2.706	ug/L		97
36) Methylcyclohexane	9.18	83	24645	2.933	ug/L		98
40) 1,2-Dichloropropane	9.22	63	14456	2.901	ug/L		98
41) Bromodichloromethane	9.50	83	17791	2.823	ug/L		93
42) cis-1,3-Dichloropropene	9.93	75	21792	2.777	ug/L		97
43) 4-Methyl-2-pentanone	10.08	43	27323	5.779	ug/L		98

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44) Toluene	10.25	91	55942	2.690	ug/L		95
45) trans-1,3-Dichloropropene	10.47	75	19864	2.745	ug/L		99
46) 1,1,2-Trichloroethane	10.65	97	11286	2.652	ug/L		98
47) Tetrachloroethene	10.72	164	12375	2.947	ug/L		94
49) 2-Hexanone	10.83	43	17281	5.191	ug/L		99
50) Dibromochloromethane	10.99	129	13016	2.617	ug/L		94
51) 1,2-Dibromoethane	11.09	107	10871	2.628	ug/L	#	95
52) Chlorobenzene	11.51	112	37931	2.785	ug/L		96
53) Ethylbenzene	11.59	91	62252	2.735	ug/L		95
54) m,p-Xylene	11.70	106	24964	2.855	ug/L		98
55) o-xylene	12.03	106	21539	2.567	ug/L		98
56) Styrene	12.04	104	36359	2.538	ug/L		95
57) Isopropylbenzene	12.33	105	59613	2.714	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.58	83	13185	2.833	ug/L		99
59) 1,2,3-Trichloropropane	12.64	75	11177	2.728	ug/L		95
62) Bromoform	12.21	173	8378	2.523	ug/L		99
63) 1,3-Dichlorobenzene	13.37	146	28301	2.710	ug/L		99
64) 1,4-Dichlorobenzene	13.45	146	30084	2.845	ug/L		97
65) 1,2-Dichlorobenzene	13.74	146	26343	2.754	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.35	75	2860	3.195	ug/L		86
67) 1,3,5-Trichlorobenzene	14.50	180	19761	2.680	ug/L		98
68) 1,2,4-trichlorobenzene	15.01	180	17201	2.745	ug/L		98
69) Naphthalene	15.23	128	35666	2.656	ug/L		99
70) 1,2,3-Trichlorobenzene	15.42	180	15994	2.802	ug/L		97

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

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