Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082020\
Data File : VV018070.D
Acq On : 20 Aug 2020 16:59
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05078

Quant Time: Aug 21 02:47:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 21 02:45:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	284722	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154786	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	110135	50.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.40%			
7) Chloroethane-d5	1.58	69	91973	51.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.50%			
11) 1,1-Dichloroethene-d2	2.12	63	213250	51.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.64%			
21) 2-Butanone-d5	3.91	46	130019	91.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.38%			
24) Chloroform-d	4.37	84	195869	49.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.06%			
26) 1,2-Dichloroethane-d4	5.05	65	126634	49.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.60%			
32) Benzene-d6	5.07	84	387560	50.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.80%			
36) 1,2-Dichloropropane-d6	6.09	67	120624	47.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.96%			
41) Toluene-d8	7.33	98	357272	51.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.34%			
43) trans-1,3-Dichloropropene-	7.64	79	59640	52.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.62%			
47) 2-Hexanone-d5	8.11	63	74837	92.77	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.77%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	151319	46.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.44%			
64) 1,2-Dichlorobenzene-d4	11.65	152	146327	48.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	104657	47.611	ug/L	100
3) Chloromethane	1.25	50	116480	45.617	ug/L	97
5) Vinyl chloride	1.32	62	122473	48.410	ug/L	99
6) Bromomethane	1.53	94	70147	46.392	ug/L	100
8) Chloroethane	1.60	64	77807	48.185	ug/L	99
9) Trichlorofluoromethane	1.76	101	176521	48.845	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	104431	51.754	ug/L	98
12) 1,1-Dichloroethene	2.13	96	96143	50.339	ug/L	94
13) Acetone	2.19	43	157526	107.188	ug/L	100
14) Carbon disulfide	2.31	76	254585	48.431	ug/L	100
15) Methyl Acetate	2.44	43	109460	46.153	ug/L	100
16) Methylene chloride	2.52	84	109872	45.155	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	97426	49.625	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	322593	49.684	ug/L	100
19) 1,1-Dichloroethane	3.21	63	194438	49.254	ug/L	99
20) cis-1,2-Dichloroethene	3.93	96	109115	50.576	ug/L	97
22) 2-Butanone	3.99	43	170322	103.308	ug/L	100

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Quant Title : VOC Analysis
QLast Update : Fri Aug 21 02:45:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	55651	49.377 ug/L	97
25) Chloroform	4.40	83	199791	49.619 ug/L	100
27) 1,2-Dichloroethane	5.15	62	157387	49.108 ug/L	98
29) Cyclohexane	4.70	56	168101	49.919 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	171898	50.275 ug/L	99
31) Carbon tetrachloride	4.85	117	147042	51.660 ug/L	100
33) Benzene	5.12	78	424383	49.163 ug/L	100
34) Trichloroethene	5.93	95	112556	49.329 ug/L	98
35) Methylcyclohexane	6.15	83	172885	50.955 ug/L	100
37) 1,2-Dichloropropane	6.19	63	115247	48.956 ug/L	100
38) Bromodichloromethane	6.53	83	147433	50.421 ug/L	100
39) cis-1,3-Dichloropropene	7.04	75	175102	52.469 ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	296809	96.448 ug/L	100
42) Toluene	7.41	91	456427	50.671 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	170173	53.743 ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	107374	49.252 ug/L	97
46) Tetrachloroethene	7.99	164	88227	52.723 ug/L	99
48) 2-Hexanone	8.15	43	244056	98.347 ug/L	99
49) Dibromochloromethane	8.26	129	113133	53.165 ug/L	98
50) 1,2-Dibromoethane	8.37	107	110155	48.837 ug/L	97
51) Chlorobenzene	8.90	112	291270	50.278 ug/L	99
52) Ethylbenzene	9.03	91	505802	51.500 ug/L	99
53) m,p-Xylene	9.16	106	191458	53.002 ug/L	97
54) o-xylene	9.56	106	182880	51.230 ug/L	98
55) Styrene	9.58	104	324270	53.044 ug/L	99
56) Isopropylbenzene	9.95	105	501951	53.300 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	160521	47.284 ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	136841	47.067 ug/L	100
61) Bromoform	9.75	173	77926	53.207 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	245156	49.807 ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	250027	49.448 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	244295	48.221 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	33779	45.253 ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	195162	52.195 ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	180693	54.966 ug/L	99
69) Naphthalene	13.52	128	465933	51.423 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	180774	54.074 ug/L	99

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

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