Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021020\
Data File : VV014541.D
Acq On : 10 Feb 2020 10:28
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD050210

Quant Time: Feb 11 04:42:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Mon Feb 10 16:12:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	346206	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	321723	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	162567	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	80580	42.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.84%			
7) Chloroethane-d5	1.58	69	58588	45.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.56%			
11) 1,1-Dichloroethene-d2	2.13	63	131034	45.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.92%			
21) 2-Butanone-d5	3.92	46	137233	94.69	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.69%			
24) Chloroform-d	4.40	84	216980	50.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.44%			
26) 1,2-Dichloroethane-d4	5.07	65	131068	50.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.38%			
32) Benzene-d6	5.09	84	437358	49.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.18%			
36) 1,2-Dichloropropane-d6	6.11	67	132795	48.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.22%			
41) Toluene-d8	7.35	98	416752	50.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.60%			
43) trans-1,3-Dichloropropene-	7.66	79	73073	49.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.78%			
47) 2-Hexanone-d5	8.12	63	114637	98.64	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.64%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	180427	50.86	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.72%			
66) 1,2-Dichlorobenzene-d4	11.67	152	160755	51.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	146863	52.956	ug/L	99
3) Chloromethane	1.26	50	133664	47.600	ug/L	98
5) Vinyl chloride	1.33	62	97850	45.495	ug/L	99
6) Bromomethane	1.53	94	46570	47.088	ug/L	99
8) Chloroethane	1.60	64	46578	43.584	ug/L	97
9) Trichlorofluoromethane	1.77	101	154651	53.379	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	68845	49.486	ug/L	99
12) 1,1-Dichloroethene	2.14	96	64242	48.280	ug/L	89
13) Acetone	2.18	43	119310	98.325	ug/L	100
14) Carbon disulfide	2.32	76	302563	46.832	ug/L	100
15) Methyl Acetate	2.45	43	101739	43.604	ug/L	96
16) Methylene chloride	2.54	84	121734	48.172	ug/L	94
17) trans-1,2-Dichloroethene	2.79	96	116389	49.646	ug/L	97
18) Methyl tert-butyl Ether	2.80	73	365987	49.299	ug/L	99
19) 1,1-Dichloroethane	3.23	63	207043	49.388	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	135489	51.357	ug/L	97
22) 2-Butanone	4.00	43	176503	98.350	ug/L #	50

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD050210

Quant Time: Feb 11 04:42:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Mon Feb 10 16:12:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	65341	52.306	ug/L	92
25) Chloroform	4.42	83	217193	50.953	ug/L	98
27) 1,2-Dichloroethane	5.17	62	161068	50.712	ug/L	100
29) Cyclohexane	4.72	56	190738	48.219	ug/L	96
30) 1,1,1-Trichloroethane	4.65	97	192707	52.483	ug/L	99
31) Carbon tetrachloride	4.87	117	173654	53.609	ug/L	99
33) Benzene	5.14	78	475052	50.225	ug/L	100
34) Trichloroethene	5.96	95	126151	50.317	ug/L	96
35) Methylcyclohexane	6.17	83	208280	50.837	ug/L	98
37) 1,2-Dichloropropane	6.22	63	120006	49.812	ug/L	100
38) Bromodichloromethane	6.55	83	167861	51.917	ug/L	100
39) cis-1,3-Dichloropropene	7.06	75	209681	52.174	ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	286793	92.118	ug/L	97
42) Toluene	7.42	91	518679	51.146	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	185835	51.572	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	118701	51.356	ug/L	97
46) Tetrachloroethene	8.01	164	101489	53.063	ug/L	96
48) 2-Hexanone	8.17	43	232378	96.957	ug/L	96
49) Dibromochloromethane	8.28	129	138684	53.146	ug/L	99
50) 1,2-Dibromoethane	8.39	107	127601	50.973	ug/L	98
51) Chlorobenzene	8.92	112	339749	51.289	ug/L	99
52) Ethylbenzene	9.05	91	587778	51.683	ug/L	99
53) m,p-Xylene	9.18	106	226472	51.698	ug/L	99
54) o-Xylene	9.58	106	218928	52.214	ug/L	98
55) Styrene	9.60	104	377517	52.681	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.28	83	182609	50.409	ug/L	98
59) Bromoform	9.77	173	96935	53.460	ug/L	98
60) Isopropylbenzene	9.97	105	580177	52.774	ug/L	100
61) 1,2,3-Trichloropropane	10.31	75	143380	49.801	ug/L	98
62) 1,3,5-Trimethylbenzene	10.58	105	497412	52.851	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	491386	52.961	ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	271330	52.324	ug/L	99
65) 1,4-Dichlorobenzene	11.31	146	274372	51.396	ug/L	99
67) 1,2-Dichlorobenzene	11.68	146	267369	53.179	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.47	75	40204	49.865	ug/L	95
69) 1,3,5-Trichlorobenzene	12.68	180	197027	53.932	ug/L	99
70) 1,2,4-trichlorobenzene	13.30	180	180940	53.945	ug/L	99
71) Naphthalene	13.54	128	561906	51.000	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	175018	53.705	ug/L	99

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

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