Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121520\
Data File : VV019665.D
Acq On : 15 Dec 2020 21:35
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05091

Manual Integrations APPROVED
MMDadoda
12/17/2020 3:46:09 PM

Quant Time: Dec 16 01:49:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 16 00:27:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	578960	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	532082	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	257139	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	225776	54.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.76%			
7) Chloroethane-d5	1.57	69	181082	55.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.60%			
11) 1,1-Dichloroethene-d2	2.11	63	394404	51.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.38%			
21) 2-Butanone-d5	3.89	46	331085	146.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 146.72%#			
24) Chloroform-d	4.35	84	406295	54.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.60%			
26) 1,2-Dichloroethane-d4	5.04	65	272422	55.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.42%			
32) Benzene-d6	5.05	84	772108	54.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.82%			
36) 1,2-Dichloropropane-d6	6.07	67	249078	56.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 112.06%			
41) Toluene-d8	7.32	98	669418	52.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.78%			
43) trans-1,3-Dichloropropene-	7.62	79	125730	49.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.44%			
47) 2-Hexanone-d5	8.09	63	242201	138.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 138.82%#			
57) 1,1,2,2-Tetrachloroethane-	10.22	84	336848	56.02	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.04%			
64) 1,2-Dichlorobenzene-d4	11.63	152	245496	51.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	200517	42.916	ug/L	100
3) Chloromethane	1.24	50	257681	51.885	ug/L	100
5) Vinyl chloride	1.31	62	248423	49.869	ug/L	99
6) Bromomethane	1.52	94	152018	50.815	ug/L	98
8) Chloroethane	1.59	64	154599	51.452	ug/L	100
9) Trichlorofluoromethane	1.76	101	284569	46.756	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	151871	45.184	ug/L	98
12) 1,1-Dichloroethene	2.12	96	166974m	48.411	ug/L	
13) Acetone	2.18	43	220937	114.929	ug/L	99
14) Carbon disulfide	2.30	76	496757	43.833	ug/L	100
15) Methyl Acetate	2.43	43	242376	57.870	ug/L	99
16) Methylene chloride	2.51	84	213600	52.820	ug/L	99
17) trans-1,2-Dichloroethene	2.77	96	183958	48.660	ug/L	98
18) Methyl tert-butyl Ether	2.77	73	693590	52.505	ug/L	99
19) 1,1-Dichloroethane	3.19	63	389502	53.144	ug/L	98
20) cis-1,2-Dichloroethene	3.92	96	214856	51.700	ug/L #	99
22) 2-Butanone	3.97	43	341672	121.167	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	104939	51.320	ug/L	98
25) Chloroform	4.38	83	383351	52.371	ug/L	98
27) 1,2-Dichloroethane	5.14	62	320973	52.929	ug/L	99
29) Cyclohexane	4.68	56	279431	42.849	ug/L	100
30) 1,1,1-Trichloroethane	4.61	97	317628	47.609	ug/L	99
31) Carbon tetrachloride	4.84	117	249328	44.269	ug/L	99
33) Benzene	5.10	78	809133	52.033	ug/L	100
34) Trichloroethene	5.92	95	197856	48.165	ug/L	99
35) Methylcyclohexane	6.14	83	268531	43.030	ug/L	100
37) 1,2-Dichloropropane	6.18	63	223778	55.104	ug/L	100
38) Bromodichloromethane	6.51	83	287512	50.630	ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	351203	52.071	ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	670290	114.406	ug/L	98
42) Toluene	7.39	91	807151	49.248	ug/L	100
44) trans-1,3-Dichloropropene	7.65	75	334640	49.000	ug/L	98
45) 1,1,2-Trichloroethane	7.84	97	207186	53.725	ug/L	99
46) Tetrachloroethene	7.98	164	125224	44.055	ug/L	98
48) 2-Hexanone	8.14	43	510988	114.943	ug/L	98
49) Dibromochloromethane	8.25	129	211936	50.183	ug/L	99
50) 1,2-Dibromoethane	8.36	107	216127	53.220	ug/L	99
51) Chlorobenzene	8.88	112	510547	48.773	ug/L	99
52) Ethylbenzene	9.02	91	869619	46.570	ug/L	100
53) m,p-Xylene	9.14	106	318367	45.636	ug/L	100
54) o-xylene	9.55	106	325450	47.595	ug/L	99
55) Styrene	9.56	104	576095	48.339	ug/L	99
56) Isopropylbenzene	9.94	105	824553	45.263	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.25	83	334684	53.967	ug/L	100
59) 1,2,3-Trichloropropane	10.28	75	283392	56.104	ug/L	99
61) Bromoform	9.74	173	135865	47.752	ug/L	99
62) 1,3-Dichlorobenzene	11.19	146	366917	46.508	ug/L	98
63) 1,4-Dichlorobenzene	11.28	146	380209	47.593	ug/L	98
65) 1,2-Dichlorobenzene	11.65	146	384302	49.297	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.43	75	81697	50.205	ug/L	95
67) 1,3,5-Trichlorobenzene	12.65	180	261596	46.931	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	247939	47.573	ug/L	100
69) Naphthalene	13.51	128	940182	51.953	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	251717	49.423	ug/L	100

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

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