Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032720\
Data File : VV015238.D
Acq On : 28 Mar 2020 10:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05080

Quant Time: Mar 30 02:11:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 28 05:21:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	617179	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.87	117	611356	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	292383	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.31	65	127940	51.09	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.18%				
7) Chloroethane-d5	1.58	69	141526	52.72	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.44%				
11) 1,1-Dichloroethene-d2	2.12	63	321956	51.41	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.82%				
21) 2-Butanone-d5	3.93	46	320570	108.07	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.07%				
24) Chloroform-d	4.38	84	348927	53.42	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.84%				
26) 1,2-Dichloroethane-d4	5.06	65	234902	55.18	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.36%				
32) Benzene-d6	5.07	84	553961	51.46	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.92%				
36) 1,2-Dichloropropane-d6	6.09	67	205581	50.99	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.98%				
41) Toluene-d8	7.34	98	503253	53.05	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.10%				
43) trans-1,3-Dichloropropene-	7.64	79	106609	49.48	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.96%				
47) 2-Hexanone-d5	8.11	63	255574	109.82	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.82%				
57) 1,1,2,2-Tetrachloroethane-	10.24	84	379677	53.46	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.92%				
64) 1,2-Dichlorobenzene-d4	11.65	152	253729	50.87	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.74%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	242281	51.688	ug/L		99
3) Chloromethane	1.25	50	270251	50.675	ug/L		99
5) Vinyl chloride	1.32	62	285815	52.050	ug/L		98
6) Bromomethane	1.53	94	156039	44.013	ug/L		99
8) Chloroethane	1.60	64	183906	52.018	ug/L		100
9) Trichlorofluoromethane	1.76	101	488580	55.536	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	246855	53.198	ug/L		99
12) 1,1-Dichloroethene	2.13	96	238311	51.715	ug/L		98
13) Acetone	2.22	43	180785	104.394	ug/L	#	100
14) Carbon disulfide	2.30	76	574659	50.172	ug/L		100
15) Methyl Acetate	2.46	43	213846	51.084	ug/L		97
16) Methylene chloride	2.52	84	225437	50.087	ug/L		99
17) trans-1,2-Dichloroethene	2.78	96	200844	50.503	ug/L		100
18) Methyl tert-butyl Ether	2.79	73	697032	51.272	ug/L		99
19) 1,1-Dichloroethane	3.21	63	381883	51.468	ug/L		97
20) cis-1,2-Dichloroethene	3.94	96	228907	48.174	ug/L	#	95
22) 2-Butanone	4.02	43	303260	107.821	ug/L		89

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	108234	48.283 ug/L	97
25) Chloroform	4.40	83	407223	51.414 ug/L	99
27) 1,2-Dichloroethane	5.16	62	320507	52.456 ug/L	100
29) Cyclohexane	4.70	56	353854	52.841 ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	372359	50.910 ug/L	98
31) Carbon tetrachloride	4.85	117	315177	51.245 ug/L	98
33) Benzene	5.12	78	869678	50.743 ug/L	100
34) Trichloroethene	5.94	95	232367	50.611 ug/L	97
35) Methylcyclohexane	6.15	83	364582	51.998 ug/L	98
37) 1,2-Dichloropropane	6.20	63	223017	51.886 ug/L	100
38) Bromodichloromethane	6.53	83	312738	49.514 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	353404	49.178 ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	636572	100.631 ug/L	100
42) Toluene	7.41	91	984271	51.961 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	339206	48.847 ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	218230	50.207 ug/L	98
46) Tetrachloroethene	7.99	164	149964	50.482 ug/L	98
48) 2-Hexanone	8.16	43	493742	102.159 ug/L	98
49) Dibromochloromethane	8.27	129	238346	50.652 ug/L	98
50) 1,2-Dibromoethane	8.37	107	237523	51.169 ug/L	99
51) Chlorobenzene	8.90	112	646576	52.420 ug/L	99
52) Ethylbenzene	9.03	91	1129917	52.701 ug/L	100
53) m,p-Xylene	9.16	106	430929	52.244 ug/L	97
54) o-xylene	9.57	106	426601	51.924 ug/L	99
55) Styrene	9.58	104	729689	52.709 ug/L	99
56) Isopropylbenzene	9.95	105	1132176	53.710 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	367363	51.429 ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	294094	50.532 ug/L	100
61) Bromoform	9.75	173	148056	48.038 ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	470355	51.680 ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	480335	52.514 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	482715	51.735 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	98424	50.605 ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	291539	50.459 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	280971	52.288 ug/L	99
69) Naphthalene	13.53	128	1113014	51.381 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	282238	51.221 ug/L	99

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

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