Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031720\
Data File : VV014965.D
Acq On : 17 Mar 2020 11:16
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05094

Manual Integrations APPROVED
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3/18/2020 3:01:38 PM

Quant Time: Mar 18 05:21:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 01:54:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	342567	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	338460	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181619	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	91106	39.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.84%			
7) Chloroethane-d5	1.58	69	74536	43.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.94%			
11) 1,1-Dichloroethene-d2	2.12	63	154494	44.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.24%			
21) 2-Butanone-d5	3.93	46	123833m	88.99	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.99%			
24) Chloroform-d	4.38	84	230601	48.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.06	65	145102	48.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.34%			
32) Benzene-d6	5.08	84	446033	47.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.68%			
36) 1,2-Dichloropropane-d6	6.10	67	132703	47.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.58%			
41) Toluene-d8	7.34	98	440623	47.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.56%			
43) trans-1,3-Dichloropropene-	7.64	79	67874	45.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.96%			
47) 2-Hexanone-d5	8.12	63	121605	97.03	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.03%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	198263	48.77	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.54%			
64) 1,2-Dichlorobenzene-d4	11.65	152	195012	49.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	150319	46.945	ug/L	100
3) Chloromethane	1.25	50	104822	45.484	ug/L	99
5) Vinyl chloride	1.32	62	102356	45.833	ug/L	100
6) Bromomethane	1.53	94	62584	43.714	ug/L	100
8) Chloroethane	1.60	64	57939	47.678	ug/L	96
9) Trichlorofluoromethane	1.76	101	171515	48.536	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	81404	46.127	ug/L	99
12) 1,1-Dichloroethene	2.13	96	77799	48.326	ug/L	83
13) Acetone	2.20	43	85228m	61.986	ug/L	
14) Carbon disulfide	2.31	76	246476	46.663	ug/L	100
15) Methyl Acetate	2.45	43	83195	46.845	ug/L	95
16) Methylene chloride	2.52	84	116402	47.790	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	108931	48.209	ug/L	99
18) Methyl tert-butyl Ether	2.79	73	350731	48.568	ug/L	99
19) 1,1-Dichloroethane	3.21	63	197037	48.505	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	125219	48.642	ug/L	97
22) 2-Butanone	4.01	43	121796m	88.178	ug/L	

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	66932	49.093 ug/L	98
25) Chloroform	4.41	83	218218	48.654 ug/L	99
27) 1,2-Dichloroethane	5.16	62	166297	49.201 ug/L	99
29) Cyclohexane	4.70	56	167334	47.867 ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	198093	49.209 ug/L	99
31) Carbon tetrachloride	4.86	117	175537	48.912 ug/L	98
33) Benzene	5.13	78	454283	49.326 ug/L	100
34) Trichloroethene	5.94	95	119676	48.423 ug/L	98
35) Methylcyclohexane	6.15	83	183780	46.095 ug/L	99
37) 1,2-Dichloropropane	6.20	63	109927	47.634 ug/L	99
38) Bromodichloromethane	6.53	83	160576	49.084 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	172334	45.425 ug/L	100
40) 4-Methyl-2-pentanone	7.26	43	300270	96.722 ug/L	99
42) Toluene	7.41	91	515677	49.761 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	160329	47.496 ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	118764	49.420 ug/L	99
46) Tetrachloroethene	8.00	164	110952	48.053 ug/L	98
48) 2-Hexanone	8.17	43	235019	95.315 ug/L	99
49) Dibromochloromethane	8.27	129	135247	50.031 ug/L	99
50) 1,2-Dibromoethane	8.37	107	127802	48.479 ug/L	99
51) Chlorobenzene	8.90	112	348164	48.786 ug/L	99
52) Ethylbenzene	9.03	91	581092	49.197 ug/L	100
53) m,p-Xylene	9.16	106	228515	49.853 ug/L	98
54) o-xylene	9.56	106	227984	50.169 ug/L	99
55) Styrene	9.58	104	387030	51.016 ug/L	100
56) Isopropylbenzene	9.95	105	600579	50.120 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	192854	48.508 ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	152782	48.280 ug/L	99
61) Bromoform	9.75	173	97847	50.214 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	293900	49.106 ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	299990	49.759 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	303829	50.820 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	43573	48.482 ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	225629	48.083 ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	204619	48.923 ug/L	98
69) Naphthalene	13.52	128	284428	52.940 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	214648	51.845 ug/L	99

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

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