Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\

Quantitation Report (QT Reviewed)

Data File : VV016551.D
Acq On : 05 Jun 2020 21:41
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05099

Quant Time: Jun 06 00:14:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 00:07:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	399285	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	390865	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	198815	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	113723	40.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.42%			
7) Chloroethane-d5	1.57	69	91315	44.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.46%			
11) 1,1-Dichloroethene-d2	2.12	63	210929	42.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.14%			
21) 2-Butanone-d5	3.89	46	216657	119.81	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 119.81%			
24) Chloroform-d	4.37	84	269285	50.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.48%			
26) 1,2-Dichloroethane-d4	5.05	65	184140	51.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.62%			
32) Benzene-d6	5.07	84	516836	49.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.72%			
36) 1,2-Dichloropropane-d6	6.09	67	164555	50.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.88%			
41) Toluene-d8	7.34	98	467579	49.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.34%			
43) trans-1,3-Dichloropropene-	7.64	79	82608	51.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.92%			
47) 2-Hexanone-d5	8.10	63	171098	122.46	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 122.46%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	226523	51.20	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.40%			
64) 1,2-Dichlorobenzene-d4	11.65	152	200350	53.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	126050	38.262	ug/L	98
3) Chloromethane	1.25	50	151677	47.785	ug/L	100
5) Vinyl chloride	1.32	62	129537	42.237	ug/L	99
6) Bromomethane	1.52	94	73233	45.901	ug/L	99
8) Chloroethane	1.59	64	76845	44.710	ug/L	97
9) Trichlorofluoromethane	1.76	101	178828	40.377	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	88439	38.392	ug/L	100
12) 1,1-Dichloroethene	2.13	96	92663	41.801	ug/L	92
13) Acetone	2.17	43	119394	70.644	ug/L	99
14) Carbon disulfide	2.31	76	333832	43.498	ug/L	99
15) Methyl Acetate	2.44	43	160176	51.564	ug/L	99
16) Methylene chloride	2.52	84	142189	45.498	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	127940	45.742	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	457418	52.825	ug/L	99
19) 1,1-Dichloroethane	3.21	63	249564	48.245	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	143029	47.384	ug/L	97
22) 2-Butanone	3.98	43	214997	102.515	ug/L	99

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Quantitation Report (QT Reviewed)

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Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05099

Quant Time: Jun 06 00:14:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 00:07:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	77326	49.783	ug/L	95
25) Chloroform	4.40	83	254824	47.000	ug/L	99
27) 1,2-Dichloroethane	5.15	62	214725	48.741	ug/L	99
29) Cyclohexane	4.70	56	200106	43.135	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	220283	46.244	ug/L	98
31) Carbon tetrachloride	4.85	117	178167	43.490	ug/L	98
33) Benzene	5.12	78	563596	49.028	ug/L	100
34) Trichloroethene	5.94	95	136856	45.372	ug/L	96
35) Methylcyclohexane	6.15	83	190511	44.002	ug/L	99
37) 1,2-Dichloropropane	6.20	63	144937	48.373	ug/L	99
38) Bromodichloromethane	6.53	83	186489	48.441	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	216880	49.644	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	439107	106.509	ug/L	99
42) Toluene	7.41	91	581677	47.753	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	215567	50.292	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	141134	48.714	ug/L	99
46) Tetrachloroethene	8.00	164	108267	46.554	ug/L	98
48) 2-Hexanone	8.16	43	335139	104.563	ug/L	98
49) Dibromochloromethane	8.27	129	141144	50.112	ug/L	99
50) 1,2-Dibromoethane	8.37	107	147189	48.027	ug/L	99
51) Chlorobenzene	8.90	112	372526	46.532	ug/L	99
52) Ethylbenzene	9.03	91	640292	48.297	ug/L	100
53) m,p-Xylene	9.16	106	239100	47.830	ug/L	96
54) o-xylene	9.56	106	238561	49.275	ug/L	98
55) Styrene	9.58	104	411519	48.520	ug/L	99
56) Isopropylbenzene	9.95	105	628115	49.947	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	222729	47.924	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	182528	48.819	ug/L	98
61) Bromoform	9.75	173	92699	55.684	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	296550	48.142	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	298278	46.669	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	303691	48.981	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	49135	52.220	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	214919	51.860	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	199052	51.881	ug/L	98
69) Naphthalene	13.53	128	632472	53.707	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	199737	54.765	ug/L	100

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

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