Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040120\
Data File : VV015352.D
Acq On : 02 Apr 2020 00:17
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 02 06:37:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 02 03:22:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	726370	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.87	117	698752	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	345106	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	254641	39.10	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.20%				
7) Chloroethane-d5	1.58	69	224686	40.38	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.76%				
11) 1,1-Dichloroethene-d2	2.12	63	495619	42.57	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.14%				
21) 2-Butanone-d5	3.94	46	332483	96.05	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.05%				
24) Chloroform-d	4.38	84	467152	43.45	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.90%				
26) 1,2-Dichloroethane-d4	5.06	65	285685	42.65	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.30%				
32) Benzene-d6	5.08	84	922523	42.87	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.74%				
36) 1,2-Dichloropropane-d6	6.09	67	278120	43.84	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.68%				
41) Toluene-d8	7.34	98	898075	43.64	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.28%				
43) trans-1,3-Dichloropropene-	7.64	79	144740	41.29	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.58%				
47) 2-Hexanone-d5	8.11	63	257072	88.72	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.72%				
57) 1,1,2,2-Tetrachloroethane-	10.24	84	407769	45.17	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.34%				
64) 1,2-Dichlorobenzene-d4	11.65	152	350331	44.63	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.26%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	300437	45.737	ug/L		99
3) Chloromethane	1.25	50	273707	44.214	ug/L		99
5) Vinyl chloride	1.32	62	282263	43.530	ug/L		98
6) Bromomethane	1.53	94	195533	45.617	ug/L		98
8) Chloroethane	1.60	64	178573	40.088	ug/L		99
9) Trichlorofluoromethane	1.77	101	470246	38.358	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	242773	44.314	ug/L		99
12) 1,1-Dichloroethene	2.13	96	239052	45.981	ug/L		95
13) Acetone	2.22	43	205148	90.285	ug/L		100
14) Carbon disulfide	2.31	76	646151	44.939	ug/L		99
15) Methyl Acetate	2.46	43	236101	47.444	ug/L		98
16) Methylene chloride	2.52	84	259944	47.280	ug/L		97
17) trans-1,2-Dichloroethene	2.78	96	239542	48.267	ug/L		92
18) Methyl tert-butyl Ether	2.79	73	779361	47.637	ug/L		99
19) 1,1-Dichloroethane	3.21	63	416496	46.125	ug/L		99
20) cis-1,2-Dichloroethene	3.94	96	273628	48.185	ug/L	#	93
22) 2-Butanone	4.02	43	342544m	101.899	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	143942	50.188 ug/L	91
25) Chloroform	4.41	83	455595	46.528 ug/L	99
27) 1,2-Dichloroethane	5.16	62	334969	45.421 ug/L	99
29) Cyclohexane	4.70	56	359308	43.220 ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	422177	47.018 ug/L	98
31) Carbon tetrachloride	4.86	117	368358	47.983 ug/L	100
33) Benzene	5.13	78	972052	47.000 ug/L	100
34) Trichloroethene	5.94	95	263240	48.070 ug/L	98
35) Methylcyclohexane	6.15	83	387687	43.211 ug/L	97
37) 1,2-Dichloropropane	6.20	63	235791	46.452 ug/L	100
38) Bromodichloromethane	6.53	83	345791	46.467 ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	388035	45.489 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	678127	95.032 ug/L	98
42) Toluene	7.41	91	1094916	47.636 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	381022	45.967 ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	256128	47.850 ug/L	99
46) Tetrachloroethene	8.00	164	201849	51.414 ug/L	97
48) 2-Hexanone	8.16	43	525767	97.300 ug/L	99
49) Dibromochloromethane	8.27	129	287575	49.058 ug/L	100
50) 1,2-Dibromoethane	8.37	107	281675	49.297 ug/L	98
51) Chlorobenzene	8.90	112	725467	48.158 ug/L	97
52) Ethylbenzene	9.03	91	1217335	47.186 ug/L	99
53) m,p-Xylene	9.16	106	478625	48.180 ug/L	100
54) o-xylene	9.57	106	478200	48.056 ug/L	99
55) Styrene	9.58	104	810671	48.992 ug/L	97
56) Isopropylbenzene	9.95	105	1253229	48.619 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	404630	47.086 ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	319802	46.660 ug/L	99
61) Bromoform	9.75	173	188980	49.024 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	571543	49.194 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	569572	48.338 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	580910	49.022 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	101706	43.466 ug/L	84
67) 1,3,5-Trichlorobenzene	12.67	180	379550	49.294 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	363751	51.720 ug/L	98
69) Naphthalene	13.53	128	1347229	50.105 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	367070	50.667 ug/L	99

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

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