Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040220\
Data File : VV015364.D
Acq On : 02 Apr 2020 10:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05091

Quant Time: Apr 03 01:23:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 02 06:34:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	739524	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	718492	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	369507	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	268983	40.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.12%			
7) Chloroethane-d5	1.58	69	237083	41.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.70%			
11) 1,1-Dichloroethene-d2	2.12	63	518078	43.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.42%			
21) 2-Butanone-d5	3.93	46	310007	87.96	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.96%			
24) Chloroform-d	4.37	84	486221	44.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.84%			
26) 1,2-Dichloroethane-d4	5.05	65	296348	43.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.92%			
32) Benzene-d6	5.07	84	958354	43.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.62%			
36) 1,2-Dichloropropane-d6	6.09	67	284385	43.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.18%			
41) Toluene-d8	7.33	98	951726	44.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.96%			
43) trans-1,3-Dichloropropene-	7.64	79	156465	43.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.82%			
47) 2-Hexanone-d5	8.11	63	238265	79.97	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 79.97%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	405884	43.73	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.46%			
64) 1,2-Dichlorobenzene-d4	11.65	152	377662	44.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	321977	48.145	ug/L	98
3) Chloromethane	1.25	50	279105	44.284	ug/L	99
5) Vinyl chloride	1.32	62	297300	45.034	ug/L	99
6) Bromomethane	1.53	94	201230	46.111	ug/L	99
8) Chloroethane	1.60	64	186008	41.015	ug/L	100
9) Trichlorofluoromethane	1.76	101	501496	40.179	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	275902	49.466	ug/L	97
12) 1,1-Dichloroethene	2.13	96	249552	47.147	ug/L	96
13) Acetone	2.22	43	307259	132.818	ug/L	99
14) Carbon disulfide	2.31	76	681260	46.538	ug/L	100
15) Methyl Acetate	2.46	43	226357	44.677	ug/L	98
16) Methylene chloride	2.52	84	266445	47.600	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	251175	49.711	ug/L	93
18) Methyl tert-butyl Ether	2.79	73	789666	47.408	ug/L	99
19) 1,1-Dichloroethane	3.21	63	427445	46.496	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	277302	47.963	ug/L #	93
22) 2-Butanone	4.01	43	361444	105.609	ug/L	97

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05091

Quant Time: Apr 03 01:23:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 02 06:34:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	140681	48.179 ug/L	93
25) Chloroform	4.40	83	467959	46.941 ug/L	99
27) 1,2-Dichloroethane	5.15	62	341657	45.503 ug/L	97
29) Cyclohexane	4.70	56	395676	46.287 ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	438372	47.480 ug/L	99
31) Carbon tetrachloride	4.85	117	386976	49.023 ug/L	100
33) Benzene	5.12	78	1007679	47.384 ug/L	100
34) Trichloroethene	5.93	95	272474	48.389 ug/L	98
35) Methylcyclohexane	6.15	83	460094	49.873 ug/L	97
37) 1,2-Dichloropropane	6.20	63	245902	47.113 ug/L	100
38) Bromodichloromethane	6.53	83	357846	46.766 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	420431	47.933 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	647297	88.219 ug/L	98
42) Toluene	7.41	91	1148107	48.578 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	398683	46.777 ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	258556	46.977 ug/L	99
46) Tetrachloroethene	7.99	164	215582	53.403 ug/L	96
48) 2-Hexanone	8.16	43	525382	94.557 ug/L	98
49) Dibromochloromethane	8.27	129	292789	48.575 ug/L	99
50) 1,2-Dibromoethane	8.37	107	281980	47.994 ug/L	98
51) Chlorobenzene	8.90	112	764471	49.353 ug/L	97
52) Ethylbenzene	9.03	91	1299092	48.972 ug/L	98
53) m,p-Xylene	9.16	106	519871	50.894 ug/L	100
54) o-xylene	9.56	106	500248	48.891 ug/L	100
55) Styrene	9.58	104	855082	50.256 ug/L	99
56) Isopropylbenzene	9.95	105	1331196	50.225 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	399697	45.234 ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	321254	45.584 ug/L	100
61) Bromoform	9.75	173	194570	47.141 ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	610444	49.073 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	610399	48.382 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	602516	47.488 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	96534	38.531 ug/L	89
67) 1,3,5-Trichlorobenzene	12.67	180	420494	51.005 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	394425	52.377 ug/L	98
69) Naphthalene	13.53	128	1328350	46.140 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	390155	50.297 ug/L	99

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

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