Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033120\
Data File : VV015303.D
Acq On : 31 Mar 2020 09:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05086

Manual Integrations APPROVED
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Quant Time: Apr 01 01:20:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 31 17:11:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	607478	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	613776	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	296077	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	185796	41.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.90%			
7) Chloroethane-d5	1.58	69	184348	44.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.44%			
11) 1,1-Dichloroethene-d2	2.12	63	414699	43.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.82%			
21) 2-Butanone-d5	3.93	46	275348m	95.06	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.06%			
24) Chloroform-d	4.38	84	380586	47.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.58%			
26) 1,2-Dichloroethane-d4	5.05	65	246045	47.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.54%			
32) Benzene-d6	5.07	84	709809	44.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.60%			
36) 1,2-Dichloropropane-d6	6.09	67	232400	46.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.76%			
41) Toluene-d8	7.33	98	689394	44.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.94%			
43) trans-1,3-Dichloropropene-	7.64	79	124737	45.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.44%			
47) 2-Hexanone-d5	8.11	63	215970	91.88	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.88%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	354767	47.98	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.96%			
64) 1,2-Dichlorobenzene-d4	11.65	152	263931	44.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	196573	45.996	ug/L	99
3) Chloromethane	1.25	50	236778	48.787	ug/L	100
5) Vinyl chloride	1.32	62	249749	48.777	ug/L	96
6) Bromomethane	1.53	94	168647	49.237	ug/L	98
8) Chloroethane	1.60	64	176585	50.013	ug/L	98
9) Trichlorofluoromethane	1.77	101	456923	52.794	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	235544	50.753	ug/L	99
12) 1,1-Dichloroethene	2.13	96	220528	49.084	ug/L	94
13) Acetone	2.21	43	185276	93.733	ug/L	99
14) Carbon disulfide	2.31	76	497157	45.472	ug/L	99
15) Methyl Acetate	2.46	43	193021	48.632	ug/L	100
16) Methylene chloride	2.52	84	203575	48.431	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	180884	48.044	ug/L	98
18) Methyl tert-butyl Ether	2.79	73	645271	50.337	ug/L	99
19) 1,1-Dichloroethane	3.21	63	355714	50.676	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	212083	50.111	ug/L #	97
22) 2-Butanone	4.01	43	278771	96.747	ug/L	95

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 31 17:11:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	100871	48.416 ug/L	97
25) Chloroform	4.40	83	377263	50.338 ug/L	99
27) 1,2-Dichloroethane	5.15	62	300335	50.384 ug/L	99
29) Cyclohexane	4.70	56	316310	48.584 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	344691	49.530 ug/L	99
31) Carbon tetrachloride	4.85	117	289946	49.181 ug/L	100
33) Benzene	5.12	78	799173	49.185 ug/L	100
34) Trichloroethene	5.94	95	211577	48.539 ug/L	99
35) Methylcyclohexane	6.15	83	343029	50.174 ug/L	99
37) 1,2-Dichloropropane	6.20	63	210310	50.886 ug/L	99
38) Bromodichloromethane	6.53	83	301110	50.663 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	350869	50.269 ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	571754	93.042 ug/L	99
42) Toluene	7.41	91	917163	50.282 ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	345573	50.388 ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	205746	49.415 ug/L	98
46) Tetrachloroethene	7.99	164	139783	48.463 ug/L	98
48) 2-Hexanone	8.16	43	443253	94.025 ug/L	100
49) Dibromochloromethane	8.27	129	228226	50.155 ug/L	98
50) 1,2-Dibromoethane	8.37	107	218149	48.222 ug/L	99
51) Chlorobenzene	8.90	112	592318	49.895 ug/L	97
52) Ethylbenzene	9.03	91	1052170	51.153 ug/L	99
53) m,p-Xylene	9.16	106	401813	51.215 ug/L	100
54) o-xylene	9.57	106	398509	51.059 ug/L	98
55) Styrene	9.58	104	685966	51.505 ug/L	100
56) Isopropylbenzene	9.95	105	1059160	51.553 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	348227	50.395 ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	278996	48.791 ug/L	98
61) Bromoform	9.75	173	147318	49.892 ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	443140	49.075 ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	451459	48.983 ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	450343	49.422 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	89621	44.702 ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	288198	50.007 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	269367	49.191 ug/L	99
69) Naphthalene	13.53	128	1035718	47.448 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	267166	48.613 ug/L	98

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

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