Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080719\
Data File : VV012124.D
Acq On : 07 Aug 2019 13:44
Operator : SY/MD
Sample : MDL04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL04

Manual Integrations APPROVED
MMDadoda
8/8/2019 11:45:20 AM

Quant Time: Aug 08 01:35:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 01:11:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	229149	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	214903	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	110801	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	56675	45.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.50%			
7) Chloroethane-d5	1.58	69	38606	43.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.84%			
11) 1,1-Dichloroethene-d2	2.13	63	72939	33.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.18%			
21) 2-Butanone-d5	3.92	46	95772	104.94	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.94%			
24) Chloroform-d	4.40	84	149116	47.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.90%			
26) 1,2-Dichloroethane-d4	5.08	65	103167	51.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.20%			
32) Benzene-d6	5.10	84	286670	46.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.70%			
36) 1,2-Dichloropropane-d6	6.12	67	84505	47.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.34%			
41) Toluene-d8	7.36	98	284760	47.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.52%			
43) trans-1,3-Dichloropropene-	7.66	79	50830	49.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.80%			
47) 2-Hexanone-d5	8.13	63	81245	109.20	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.20%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	135312	53.59	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.18%			
66) 1,2-Dichlorobenzene-d4	11.67	152	133646	51.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	5257	3.248	ug/L	98
3) Chloromethane	1.25	50	3931	3.421	ug/L	98
5) Vinyl chloride	1.33	62	3255	2.934	ug/L #	61
6) Bromomethane	1.53	94	1972	3.062	ug/L	99
8) Chloroethane	1.60	64	1518	2.613	ug/L	88
9) Trichlorofluoromethane	1.77	101	4868	2.699	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3028	3.425	ug/L #	59
12) 1,1-Dichloroethene	2.14	96	2859	3.434	ug/L #	1
13) Acetone	2.19	43	3493	5.613	ug/L	91
14) Carbon disulfide	2.32	76	7789	2.769	ug/L	96
15) Methyl Acetate	2.46	43	2974	2.731	ug/L	96
16) Methylene chloride	2.53	84	3694	2.924	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	3304	2.811	ug/L	94
18) Methyl tert-butyl Ether	2.80	73	11780	2.916	ug/L #	90
19) 1,1-Dichloroethane	3.23	63	6082m	2.837	ug/L	
20) cis-1,2-Dichloroethene	3.96	96	4076m	2.944	ug/L	
22) 2-Butanone	4.03	43	4424	5.516	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.31	128	2182m	2.866 ug/L		
25) Chloroform	4.42	83	8619	3.547 ug/L		78
27) 1,2-Dichloroethane	5.18	62	5771	3.056 ug/L	#	93
29) Cyclohexane	4.72	56	4368	2.431 ug/L	#	93
30) 1,1,1-Trichloroethane	4.66	97	6522	2.857 ug/L	#	86
31) Carbon tetrachloride	4.88	117	5571	2.631 ug/L		88
33) Benzene	5.15	78	12387	2.504 ug/L		100
34) Trichloroethene	5.96	95	3877	2.820 ug/L		90
35) Methylcyclohexane	6.18	83	6000	2.932 ug/L		95
37) 1,2-Dichloropropane	6.22	63	3385m	2.805 ug/L		
38) Bromodichloromethane	6.56	83	5390	2.840 ug/L	#	85
39) cis-1,3-Dichloropropene	7.07	75	6012	2.826 ug/L		98
40) 4-Methyl-2-pentanone	7.27	43	8789	5.659 ug/L		99
42) Toluene	7.43	91	16258	2.958 ug/L		97
44) trans-1,3-Dichloropropene	7.69	75	5306	2.642 ug/L		89
45) 1,1,2-Trichloroethane	7.88	97	3793	2.916 ug/L		96
46) Tetrachloroethene	8.02	164	3740	2.919 ug/L		90
48) 2-Hexanone	8.18	43	7873	6.724 ug/L		91
49) Dibromochloromethane	8.29	129	4665	2.764 ug/L		92
50) 1,2-Dibromoethane	8.40	107	4407	3.064 ug/L		99
51) Chlorobenzene	8.93	112	11008	2.970 ug/L		93
52) Ethylbenzene	9.05	91	17939	2.909 ug/L		99
53) m,p-Xylene	9.18	106	6580	2.766 ug/L		97
54) o-Xylene	9.59	106	7170	3.037 ug/L		96
55) Styrene	9.60	104	10897	2.740 ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.28	83	6560	3.280 ug/L	#	92
59) Bromoform	9.77	173	3794	2.919 ug/L	#	93
60) Isopropylbenzene	9.97	105	17505	2.886 ug/L		96
61) 1,2,3-Trichloropropane	10.32	75	5273	3.505 ug/L		99
62) 1,3,5-Trimethylbenzene	10.58	105	15148	2.889 ug/L		96
63) 1,2,4-Trimethylbenzene	10.96	105	14648	2.830 ug/L		98
64) 1,3-Dichlorobenzene	11.23	146	9113	2.978 ug/L		94
65) 1,4-Dichlorobenzene	11.32	146	10236	3.309 ug/L		96
67) 1,2-Dichlorobenzene	11.69	146	9937	3.182 ug/L		98
68) 1,2-Dibromo-3-chloropropan	12.47	75	1602	3.231 ug/L	#	76
69) 1,3,5-Trichlorobenzene	12.69	180	6681	2.693 ug/L		98
70) 1,2,4-trichlorobenzene	13.31	180	4632	2.153 ug/L		94
71) Naphthalene	13.56	128	10539	1.933 ug/L		95
72) 1,2,3-Trichlorobenzene	13.79	180	4720	2.180 ug/L		96

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

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