Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046939.D
Acq On : 17 Oct 2020 12:55
Operator : CG/JU
Sample : L4201-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP3

Manual Integrations APPROVED
mohammad
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Quant Time: Oct 17 14:13:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 17 13:26:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	62003	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	257683	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	177678	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	374222	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	339113	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	340766	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	3345	2.40	ng/uL	0.00
5) Phenol-d5	7.22	99	72423	13.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	51137	16.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	62453	15.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	57754	13.22	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	33863	15.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	39958	16.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	71027	14.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	34908	6.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	257324	17.43	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	285672	16.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	21624	8.50	ng/ul	0.00
58) Fluorene-d10	15.69	176	219494	16.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	30371	11.78	ng/ul	0.00
71) Anthracene-d10	17.54	188	301790	16.65	ng/ul	0.00
79) Pyrene-d10	19.83	212	326443	17.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	312701	16.29	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.89	105	7398	1.056	ng/ul#	70
45) Dimethylphthalate	14.14	163	82977	5.423	ng/ul	98
50) Acenaphthene	14.76	153	91476	7.671	ng/ul	92
57) Diethylphthalate	15.50	149	33922	2.223	ng/ul	94
59) Fluorene	15.74	166	36393	2.503	ng/ul	99
70) Phenanthrene	17.49	178	1242524	58.026	ng/ul	97
72) Anthracene	17.58	178	78024	3.607	ng/ul	99
75) Carbazole	17.85	167	21095	1.215	ng/ul#	95
76) Di-n-butylphthalate	18.40	149	150635	6.628	ng/ul	99
77) Fluoranthene	19.50	202	1721731	65.845	ng/ul#	98
80) Pyrene	19.86	202	2498716	108.878	ng/ul#	95
83) Benzo(a)anthracene	21.70	228	433985	18.542	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.60	149	313662	26.302	ng/ul	98
85) Chrysene	21.77	228	529135	23.432	ng/ul	97
88) Benzo(b)fluoranthene	23.94	252	648156	27.420	ng/ul	100
89) Benzo(k)fluoranthene	24.00	252	188311m	8.261	ng/ul	
91) Benzo(a)pyrene	24.83	252	514458	24.209	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.67	276	424540	16.307	ng/ul	100
93) Dibenzo(a,h)anthracene	28.72	278	66423m	3.077	ng/ul	
94) Benzo(g,h,i)perylene	29.84	276	646812m	29.598	ng/ul	

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

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