Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042205.D
Acq On : 14 Aug 2019 11:15
Operator : HP/JU
Sample : K4304-11
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB5P2

Manual Integrations APPROVED
mohammad
8/15/2019 5:11:50 PM

Quant Time: Aug 14 17:20:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	97387	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	398194	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	273258	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	547146m	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	533717	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	640218	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	7610	3.42	ng/uL	0.00
5) Phenol-d5	7.18	99	181957	23.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	91515	21.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	166827	25.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	154390	24.06	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	82777	27.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	104903	30.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	191886	27.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	219946	28.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	569491	26.87	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	666937	27.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	77724	21.84	ng/ul	0.00
57) Fluorene-d10	15.68	176	504581	26.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	77093	21.96	ng/ul	0.00
70) Anthracene-d10	17.54	188	730637	27.83	ng/ul	0.00
78) Pyrene-d10	19.82	212	830188	27.87	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	967223	28.92	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.13	163	60958	2.897	ng/ul	98
69) Phenanthrene	17.48	178	375992m	12.552	ng/ul	
71) Anthracene	17.57	178	64947	2.138	ng/ul	99
74) Carbazole	17.84	167	32948	1.309	ng/ul	100
76) Fluoranthene	19.49	202	599378m	17.319	ng/ul	
79) Pyrene	19.85	202	512963	14.288	ng/ul	98
82) Benzo(a)anthracene	21.70	228	294263	7.952	ng/ul	99
84) Chrysene	21.77	228	306360	8.870	ng/ul	99
87) Benzo(b)fluoranthene	23.96	252	413939	10.303	ng/ul	98
88) Benzo(k)fluoranthene	24.01	252	151704m	3.927	ng/ul	
90) Benzo(a)pyrene	24.84	252	277534	7.249	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.72	276	176151	3.945	ng/ul	100
92) Dibenzo(a,h)anthracene	28.78	278	48391	1.329	ng/ul#	96
93) Benzo(g,h,i)perylene	29.89	276	151642	4.067	ng/ul	100

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

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