Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028460.D
Acq On : 24 Aug 2017 14:49
Operator : SJ/JU
Sample : I4840-10 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AK6

Manual Integrations APPROVED
Sohil
8/25/2017 5:43:37 PM

Quant Time: Aug 25 02:01:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 01:07:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	32271	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	143144	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	104862	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	252254	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	290865	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	298310	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.81	96	313	0.45	ng/uL	0.00
5) Phenol-d5	7.50	99	8177	2.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	5744	2.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	6176	2.76	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	6676	2.25	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	3433	3.07	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.23	143	3879	3.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	6902	2.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	2864	1.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	28331	3.04	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	30094	2.86	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	2370	1.60	ng/ul	0.02
57) Fluorene-d10	15.94	176	25780	3.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	2732	1.67	ng/ul	0.00
70) Anthracene-d10	17.79	188	40659	3.36	ng/ul	0.00
76) Pyrene-d10	20.07	212	47958	3.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.28	264	46372	3.32	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.39	163	10526	1.226	ng/ul#	96
69) Phenanthrene	17.74	178	58561	4.613	ng/ul	97
74) Fluoranthene	19.74	202	86650	5.616	ng/ul	97
77) Pyrene	20.10	202	78858	4.544	ng/ul#	97
80) Benzo(a)anthracene	22.01	228	43167	2.569	ng/ul	96
82) Chrysene	22.08	228	46867	3.096	ng/ul	98
85) Benzo(b)fluoranthene	24.42	252	51926	2.909	ng/ul	93
86) Benzo(k)fluoranthene	24.48	252	23794m	1.365	ng/ul	
88) Benzo(a)pyrene	25.37	252	37425m	2.165	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.55	276	23039	1.138	ng/ul#	93
91) Benzo(g,h,i)perylene	30.83	276	20196m	1.213	ng/ul	

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

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