Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028366.D
Acq On : 16 Aug 2017 5:56
Operator : SJ/JU
Sample : I4672-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AG4

Manual Integrations APPROVED
Sohil
8/16/2017 6:40:39 PM

Quant Time: Aug 16 14:03:15 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 15 06:41:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	52764	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	228885	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	159743	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	382514	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	416641	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	404604	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	234	0.21	ng/uL	0.01
5) Phenol-d5	7.52	99	7957	1.37	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.67	67	5146	1.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	7055	1.93	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	7379	1.52	ng/ul	0.01
19) Nitrobenzene-d5	9.54	128	3174	1.77	ng/ul	0.02
22) 2-Nitrophenol-d4	10.26	143	3571	1.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.81	165	7807	1.92	ng/ul	0.01
29) 4-Chloroaniline-d4	11.33	131	5357	1.19	ng/ul	0.02
43) Dimethylphthalate-d6	14.35	166	29484	2.08	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	33189	2.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.20	143	758	0.34	ng/ul	0.04
57) Fluorene-d10	15.96	176	25894	2.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	2967	1.19	ng/ul	0.01
70) Anthracene-d10	17.81	188	43152	2.35	ng/ul	0.00
76) Pyrene-d10	20.09	212	48183	2.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	42328	2.23	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.69	152	23744	1.551	ng/ul	93
58) Fluorene	16.01	166	14898	1.117	ng/ul#	92
69) Phenanthrene	17.76	178	340594	17.693	ng/ul	98
71) Anthracene	17.85	178	35271	1.793	ng/ul	95
72) Carbazole	18.12	167	33856	1.979	ng/ul	99
74) Fluoranthene	19.76	202	641261	27.410	ng/ul	100
77) Pyrene	20.12	202	541927	21.802	ng/ul	99
80) Benzo(a)anthracene	22.03	228	247477	10.280	ng/ul	94
82) Chrysene	22.10	228	252433	11.643	ng/ul	96
85) Benzo(b)fluoranthene	24.45	252	376195	15.538	ng/ul#	98
86) Benzo(k)fluoranthene	24.50	252	109868m	4.646	ng/ul	
88) Benzo(a)pyrene	25.40	252	267579m	11.414	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.60	276	173803	6.331	ng/ul	98
90) Dibenzo(a,h)anthracene	29.65	278	32203	1.400	ng/ul#	93
91) Benzo(g,h,i)perylene	30.87	276	126501	5.601	ng/ul#	88

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

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