Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029460.D
Acq On : 26 Oct 2017 2:37
Operator : SJ/JU
Sample : I5792-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0CZ7

Manual Integrations APPROVED
Sohil
10/27/2017 5:32:10 PM

Quant Time: Oct 26 07:28:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 24 23:55:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	69871	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	332764	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	223902	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	523873	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	547166	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	565893	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	9828	5.72	ng/uL	0.00
5) Phenol-d5	7.31	99	208694	31.12	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	121187	28.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	162401	34.33	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	153053	28.26	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	83653	35.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	99760	40.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	184308	33.04	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	182446	28.15	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	601181	31.41	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	759287	32.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	38424	10.87	ng/ul	-0.01
57) Fluorene-d10	15.77	176	556619	35.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	20384	7.97	ng/ul	-0.01
70) Anthracene-d10	17.62	188	804647	32.48	ng/ul	-0.01
76) Pyrene-d10	19.90	212	929287	32.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	903999	33.73	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.34	94	25448	3.667	ng/ul#	88
69) Phenanthrene	17.57	178	343371	12.125	ng/ul	98
74) Fluoranthene	19.56	202	677722	21.413	ng/ul	99
77) Pyrene	19.93	202	848447	23.136	ng/ul	98
80) Benzo(a)anthracene	21.78	228	431803	12.592	ng/ul	95
82) Chrysene	21.84	228	574654	18.444	ng/ul	96
85) Benzo(b)fluoranthene	24.06	252	546945	16.100	ng/ul	98
86) Benzo(k)fluoranthene	24.12	252	166352m	5.065	ng/ul	
88) Benzo(a)pyrene	24.96	252	403172	12.192	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.89	276	270451	7.229	ng/ul	100
90) Dibenzo(a,h)anthracene	28.94	278	81385	2.619	ng/ul#	84
91) Benzo(g,h,i)perylene	30.08	276	275938	8.898	ng/ul#	95

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

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