Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
Data File : BG030768.D
Acq On : 6 Nov 2017 10:47
Operator : SJ/JU
Sample : I6107-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0E95DL

Quant Time: Nov 07 04:23:10 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 04:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	58288	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	272068	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	181954	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	436382	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	466516	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	491481	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	1567	1.09	ng/uL	0.00
5) Phenol-d5	7.32	99	30535	5.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	18011	5.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	25319	6.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	24603	5.45	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	13013	6.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	14610	7.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	28325	6.21	ng/ul	0.01
29) 4-Chloroaniline-d4	11.11	131	16805	3.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	95339	6.13	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	118072	6.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	9857	3.43	ng/ul	0.02
57) Fluorene-d10	15.76	176	91029	7.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	1265	0.59	ng/ul	0.00
70) Anthracene-d10	17.61	188	143710	6.96	ng/ul	0.00
76) Pyrene-d10	19.89	212	158439	6.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	161685	6.95	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.02	128	25543	1.774	ng/ul	98
44) Dimethylphthalate	14.21	163	74377	4.902	ng/ul	99
47) Acenaphthylene	14.50	152	46224	2.395	ng/ul	93
49) Acenaphthene	14.83	153	31442	2.381	ng/ul	97
53) Dibenzofuran	15.17	168	38138	2.113	ng/ul	90
58) Fluorene	15.81	166	53462	3.713	ng/ul	95
69) Phenanthrene	17.55	178	796878	33.780	ng/ul	98
71) Anthracene	17.64	178	185761	7.632	ng/ul	98
72) Carbazole	17.91	167	104875	4.793	ng/ul	97
74) Fluoranthene	19.55	202	1190912	45.171	ng/ul	98
77) Pyrene	19.92	202	1014089	32.434	ng/ul	99
80) Benzo(a)anthracene	21.77	228	644041	22.029	ng/ul	99
82) Chrysene	21.83	228	584054	21.986	ng/ul	97
85) Benzo(b)fluoranthene	24.05	252	826633	28.017	ng/ul	95
86) Benzo(k)fluoranthene	24.11	252	265367	9.302	ng/ul	96
88) Benzo(a)pyrene	24.95	252	601791	20.953	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	28.89	276	480102	14.775	ng/ul	99
90) Dibenzo(a,h)anthracene	28.92	278	125600	4.653	ng/ul#	91
91) Benzo(g,h,i)perylene	30.08	276	427404	15.868	ng/ul	98

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

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