Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023632.D
Acq On : 11 Aug 2016 21:34
Operator : UM/SJ
Sample : H4360-17 4X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-2430-01

Manual Integrations APPROVED
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Quant Time: Aug 12 05:05:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	157804	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	733872	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	489084	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	1064697	20.00	ng/ul	-0.01
75) Chrysene-d12	21.87	240	1075809	20.00	ng/ul	-0.01
83) Perylene-d12	25.26	264	1131624	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	898	0.24	ng/uL	-0.01
5) Phenol-d5	7.27	99	54599	3.43	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.42	67	36218	3.56	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	37554	3.46	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	36832	2.97	ng/ul	-0.02
19) Nitrobenzene-d5	9.28	128	18229	3.15	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	26343	3.97	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.58	165	42639	3.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	27721	1.89	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	149035	3.72	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	171353	3.80	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.03	143	19936m	2.92	ng/ul	0.02
57) Fluorene-d10	15.78	176	134722	3.64	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	9410	1.38	ng/ul	0.00
70) Anthracene-d10	17.64	188	190716	3.98	ng/ul	-0.02
76) Pyrene-d10	19.94	212	199231	3.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	186615	3.64	ng/ul	-0.02
Target Compounds						Qvalue
44) Dimethylphthalate	14.22	163	65884	1.66	ng/ul#	96
58) Fluorene	15.83	166	44282	1.12	ng/ul	98
69) Phenanthrene	17.59	178	516655	9.37	ng/ul	98
71) Anthracene	17.68	178	129957m	2.31	ng/ul	
72) Carbazole	17.96	167	50945	1.12	ng/ul#	93
74) Fluoranthene	19.61	202	678436	12.02	ng/ul#	90
77) Pyrene	19.97	202	630975	9.49	ng/ul	94
80) Benzo(a)anthracene	21.85	228	363322	6.00	ng/ul	97
82) Chrysene	21.92	228	344883	6.26	ng/ul	96
85) Benzo(b)fluoranthene	24.18	252	411511	6.39	ng/ul#	97
86) Benzo(k)fluoranthene	24.25	252	142688m	2.25	ng/ul	
88) Benzo(a)pyrene	25.10	252	323034m	5.20	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.15	276	200908	2.75	ng/ul#	85
90) Dibenzo(a,h)anthracene	29.19	278	64861m	1.04	ng/ul	
91) Benzo(g,h,i)perylene	30.38	276	177143m	2.93	ng/ul	

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

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