Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018531.D
Acq On : 29 Aug 2015 2:41
Operator : UM/MA
Sample : G3448-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC7

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:48:04 PM

Quant Time: Aug 31 05:01:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:29:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	81708	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	390433	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	250063	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	583976	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	565213	20.00	ng/ul	0.00
86) Perylene-d12	24.83	264	556154	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	3331	1.80	ng/uL	0.00
5) Phenol-d5	7.16	99	167292	22.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	98232	21.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	120471	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	139757	22.43	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	67755	22.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	68664	22.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	151742	23.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	177073	23.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	466249	22.16	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	607206	22.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	83629	22.10	ng/ul	0.00
58) Fluorene-d10	15.63	176	433869	23.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	49022	17.07	ng/ul	0.00
71) Anthracene-d10	17.48	188	659316	23.61	ng/ul	0.00
79) Pyrene-d10	19.76	212	663737	22.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.61	264	687628	23.29	ng/ul	0.00
Target Compounds						Qvalue
32) Caprolactam	11.70	113	6448m	2.60	ng/ul	
45) Dimethylphthalate	14.09	163	224418	10.81	ng/ul	99
70) Phenanthrene	17.42	178	172300	5.44	ng/ul	98
72) Anthracene	17.51	178	45861m	1.42	ng/ul	
77) Fluoranthene	19.43	202	209278	6.18	ng/ul	96
80) Pyrene	19.79	202	165928	4.34	ng/ul	95
83) Benzo(a)anthracene	21.62	228	94525	2.70	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.53	149	41567	1.82	ng/ul#	93
85) Chrysene	21.68	228	88879	2.71	ng/ul	96
88) Benzo(b)fluoranthene	23.82	252	100057	2.86	ng/ul	97
89) Benzo(k)fluoranthene	23.88	252	38706m	1.15	ng/ul	
91) Benzo(a)pyrene	24.68	252	68788	2.07	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.46	276	45628m	1.19	ng/ul	
94) Benzo(g,h,i)perylene	29.58	276	43590m	1.35	ng/ul	

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

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