Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018525.D
Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:47:39 PM

Quant Time: Aug 31 04:19:52 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	73164	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	353685	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	228730	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	566293	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	538740	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	541821	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	1458	0.88	ng/uL	0.00
5) Phenol-d5	7.17	99	83006	12.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	52753	12.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	63030	12.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	71213	12.76	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	35136	12.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	35724	12.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	74416	12.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	86144	12.79	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	256445	13.33	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	320669	13.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	37239	10.76	ng/ul	0.00
58) Fluorene-d10	15.63	176	232720	13.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	25463	9.14	ng/ul	0.00
71) Anthracene-d10	17.48	188	373684	13.80	ng/ul	0.00
79) Pyrene-d10	19.76	212	371593	13.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	369922	12.86	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.86	128	30302	1.62	ng/ul	99
45) Dimethylphthalate	14.08	163	123107	6.49	ng/ul	99
50) Acenaphthene	14.70	153	83266	4.88	ng/ul	96
54) Dibenzofuran	15.03	168	62547	2.81	ng/ul	99
59) Fluorene	15.68	166	94109	4.91	ng/ul	97
70) Phenanthrene	17.43	178	1500247	48.83	ng/ul	95
72) Anthracene	17.51	178	431726	13.79	ng/ul	100
75) Carbazole	17.78	167	234705	8.55	ng/ul	98
77) Fluoranthene	19.43	202	2122960	64.70	ng/ul#	92
80) Pyrene	19.79	202	1789326	49.12	ng/ul#	92
83) Benzo(a)anthracene	21.62	228	1000821	29.96	ng/ul	96
85) Chrysene	21.69	228	873466	27.97	ng/ul	98
88) Benzo(b)fluoranthene	23.83	252	1246023	36.60	ng/ul#	97
89) Benzo(k)fluoranthene	23.89	252	423374m	12.92	ng/ul	
91) Benzo(a)pyrene	24.69	252	881910	27.25	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.48	276	627477	16.75	ng/ul	96
93) Dibenzo(a,h)anthracene	28.52	278	148091m	4.76	ng/ul	
94) Benzo(g,h,i)perylene	29.61	276	496362	15.78	ng/ul	99

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

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