Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016193.D
Acq On : 28 Mar 2015 1:50
Operator : TP/IZ
Sample : G1647-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Manual Integrations APPROVED
apatel
3/30/2015 4:29:39 PM

Quant Time: Mar 28 07:03:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 28 05:59:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	78646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	345425	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	195604	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	356822	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	360553	20.00	ng/ul	0.02
83) Perylene-d12	23.64	264	375296	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.97	99	71624	10.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	36612	9.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	56065	10.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	55596	10.47	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	29021	10.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	30424	11.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	49685	10.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	53028	7.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	138050	10.83	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	187419	10.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	25062	8.23	ng/ul	0.01
57) Fluorene-d10	15.41	176	126396	9.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	2852	1.53	ng/ul	0.02
70) Anthracene-d10	17.26	188	169851	10.42	ng/ul	0.01
76) Pyrene-d10	19.55	212	172855	10.72	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.50	264	167312	10.22	ng/ul	0.04
Target Compounds						Qvalue
28) Naphthalene	10.63	128	140372	7.53	ng/ul	100
34) 2-Methylnaphthalene	12.24	142	89400	6.77	ng/ul	100
40) 1,1'-Biphenyl	13.25	154	74621	4.87	ng/ul	97
49) Acenaphthene	14.49	153	684786	51.40	ng/ul	99
53) Dibenzofuran	14.82	168	689237	38.31	ng/ul	100
58) Fluorene	15.47	166	932705	59.36	ng/ul	99
69) Phenanthrene	17.22	178	3551402	175.09	ng/ul#	61
71) Anthracene	17.30	178	1985599	96.42	ng/ul#	85
72) Carbazole	17.57	167	517720	26.15	ng/ul	99
74) Fluoranthene	19.24	202	4139280m	180.50	ng/ul	
77) Pyrene	19.60	202	3888992	175.30	ng/ul#	70
80) Benzo(a)anthracene	21.33	228	2566347	125.63	ng/ul#	73
82) Chrysene	21.39	228	2291960	117.93	ng/ul#	74
85) Benzo(b)fluoranthene	22.97	252	3472286	161.19	ng/ul#	84
86) Benzo(k)fluoranthene	23.00	252	1226201m	57.64	ng/ul	
88) Benzo(a)pyrene	23.56	252	2625079	122.29	ng/ul#	84
89) Indeno(1,2,3-cd)pyrene	26.02	276	1507393	60.70	ng/ul	94
90) Dibenzo(a,h)anthracene	26.02	278	399137	19.18	ng/ul#	73
91) Benzo(g,h,i)perylene	26.74	276	1167804	55.96	ng/ul	95

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

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