Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050917\
Data File : BG026932.D
Acq On : 10 May 2017 4:11
Operator : SJ/MA
Sample : I2842-18 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDC38

Manual Integrations APPROVED
mohammad
5/10/2017 11:50:48 AM

Quant Time: May 10 04:59:43 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 01:49:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	191615	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	902867	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	462356	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	839520	20.00	ng/ul	0.00
75) Chrysene-d12	21.61	240	720272	20.00	ng/ul	0.02
83) Perylene-d12	24.78	264	785583m	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	3354	0.79	ng/uL	0.00
5) Phenol-d5	7.19	99	94109	5.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	54157	5.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	76511	5.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	75910	5.35	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	40140	5.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	40897	4.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	65307	5.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	24043	1.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	216432	5.82	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	287672	6.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.86	143	22009	3.28	ng/ul	0.03
57) Fluorene-d10	15.60	176	182251	5.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.74	200	5124	1.01	ng/ul	0.00
70) Anthracene-d10	17.45	188	263433	6.47	ng/ul	0.00
76) Pyrene-d10	19.74	212	240780	6.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.57	264	235455m	6.34	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.86	128	135588	2.88	ng/ul	97
34) 2-Methylnaphthalene	12.45	142	46755	1.34	ng/ul	98
44) Dimethylphthalate	14.06	163	91566	2.51	ng/ul	96
47) Acenaphthylene	14.35	152	137089	2.88	ng/ul	98
49) Acenaphthene	14.68	153	412045	12.44	ng/ul	97
53) Dibenzofuran	15.02	168	276509	6.27	ng/ul	95
58) Fluorene	15.66	166	549126	15.26	ng/ul	98
69) Phenanthrene	17.41	178	5281410m	111.67	ng/ul	
71) Anthracene	17.49	178	1745080	35.97	ng/ul	98
72) Carbazole	17.76	167	794121	19.36	ng/ul	98
74) Fluoranthene	19.42	202	7435137	169.34	ng/ul#	27
77) Pyrene	19.78	202	6950461	143.83	ng/ul#	25
80) Benzo(a)anthracene	21.60	228	4951290	117.54	ng/ul#	80
82) Chrysene	21.67	228	4972763	127.07	ng/ul#	80
85) Benzo(b)fluoranthene	23.80	252	6874691m	153.15	ng/ul	
86) Benzo(k)fluoranthene	23.85	252	2583012m	58.56	ng/ul	
88) Benzo(a)pyrene	24.65	252	5131628m	116.15	ng/ul	
89) Indeno(1,2,3-cd)pyrene	28.42	276	3075680m	58.73	ng/ul	
90) Dibenzo(a,h)anthracene	28.45	278	834801m	18.80	ng/ul	
91) Benzo(g,h,i)perylene	29.54	276	2615551m	60.22	ng/ul	

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

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