Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026942.D
Acq On : 10 May 2017 17:35
Operator : SJ/MA
Sample : I2842-18DL 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDC38DL

Manual Integrations APPROVED
mohammad
5/11/2017 4:53:30 PM

Quant Time: May 10 18:15:01 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 17:27:44 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	171319	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	827383	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	423612	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	747391	20.00	ng/ul	0.00
75) Chrysene-d12	21.61	240	650653	20.00	ng/ul	0.00
83) Perylene-d12	24.78	264	685650	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	128	0.03	ng/uL	-0.11
5) Phenol-d5	7.20	99	16766	1.10	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.33	67	11573	1.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	14741	1.14	ng/ul	0.02
13) 4-Methylphenol-d8	8.74	113	14238	1.12	ng/ul	0.02
19) Nitrobenzene-d5	9.18	128	6698	0.97	ng/ul	0.02
22) 2-Nitrophenol-d4	9.89	143	7416	0.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	12487	1.04	ng/ul	0.03
29) 4-Chloroaniline-d4	10.97	131	3010	0.19	ng/ul	0.03
43) Dimethylphthalate-d6	14.02	166	41551	1.22	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	56324	1.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	223	0.04	ng/ul	0.00
57) Fluorene-d10	15.61	176	37364	1.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	369	0.08	ng/ul	0.02
70) Anthracene-d10	17.46	188	52940	1.46	ng/ul	0.00
76) Pyrene-d10	19.74	212	44844	1.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.57	264	44106	1.36	ng/ul	0.02
Target Compounds						Qvalue
49) Acenaphthene	14.68	153	83252	2.74	ng/ul	96
53) Dibenzofuran	15.02	168	54655	1.35	ng/ul	94
58) Fluorene	15.66	166	111003	3.37	ng/ul	96
69) Phenanthrene	17.40	178	1471398	34.95	ng/ul	97
71) Anthracene	17.49	178	358760	8.31	ng/ul	99
72) Carbazole	17.76	167	158967	4.35	ng/ul	98
74) Fluoranthene	19.41	202	2573158	65.83	ng/ul#	74
77) Pyrene	19.77	202	2178797	49.91	ng/ul#	71
80) Benzo(a)anthracene	21.59	228	1188854	31.24	ng/ul	96
82) Chrysene	21.66	228	1148337	32.48	ng/ul	95
85) Benzo(b)fluoranthene	23.78	252	1563219	39.90	ng/ul#	89
86) Benzo(k)fluoranthene	23.84	252	555200m	14.42	ng/ul	
88) Benzo(a)pyrene	24.64	252	1061380	27.52	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	28.41	276	547426	11.98	ng/ul#	73
90) Dibenzo(a,h)anthracene	28.43	278	135837	3.50	ng/ul#	67
91) Benzo(g,h,i)perylene	29.54	276	418761	11.05	ng/ul#	71

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

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