Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027544.D
Acq On : 20 Jun 2017 00:56
Operator : SJ/MA
Sample : I3625-13 25X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5C80

Manual Integrations APPROVED
mohammad
6/20/2017 11:51:29 AM

Quant Time: Jun 20 03:22:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	37992	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	184616	20.00	ng/ul	0.01
35) Acenaphthene-d10	15.10	164	116581	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.87	188	248854	20.00	ng/ul	0.01
75) Chrysene-d12	22.24	240	299774	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	261796	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.66	99	3121	0.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	2321	0.83	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	2225	0.82	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	2309	0.72	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	2065	1.54	ng/ul	0.02
22) 2-Nitrophenol-d4	10.41	143	1030	0.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	2328	0.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	13322m	3.91	ng/ul	0.05
43) Dimethylphthalate-d6	14.49	166	10382	1.06	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	11045	0.98	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	2807	1.47	ng/ul	0.02
57) Fluorene-d10	16.09	176	11038	1.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.97	188	14004m	1.21	ng/ul	0.01
76) Pyrene-d10	20.23	212	16442	1.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	12979	1.10	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.42	128	7081525	746.41	ng/ul#	68
34) 2-Methylnaphthalene	12.97	142	2138021	303.89	ng/ul	94
40) 1,1'-Biphenyl	13.94	154	607741	65.90	ng/ul#	95
47) Acenaphthylene	14.83	152	132072	11.72	ng/ul#	95
49) Acenaphthene	15.18	153	1864715	237.30	ng/ul	97
53) Dibenzofuran	15.51	168	2085743	182.12	ng/ul	94
58) Fluorene	16.16	166	2115879	222.62	ng/ul	99
69) Phenanthrene	17.92	178	6016720m	449.91	ng/ul	
71) Anthracene	18.00	178	1434373	105.48	ng/ul	97
72) Carbazole	18.26	167	866005	74.05	ng/ul	96
74) Fluoranthene	19.90	202	4340357	288.46	ng/ul#	71
77) Pyrene	20.26	202	3423335	193.19	ng/ul#	76
80) Benzo(a)anthracene	22.21	228	1326987	79.49	ng/ul	98
82) Chrysene	22.29	228	981415	65.09	ng/ul	96
85) Benzo(b)fluoranthene	24.72	252	657648	42.18	ng/ul#	93
86) Benzo(k)fluoranthene	24.79	252	255422m	17.04	ng/ul	
88) Benzo(a)pyrene	25.71	252	399019	26.65	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	30.08	276	116085	6.79	ng/ul#	95
90) Dibenzo(a,h)anthracene	30.13	278	36575m	2.49	ng/ul	
91) Benzo(g,h,i)perylene	31.40	276	69161	4.94	ng/ul#	91

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

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