Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028446.D
Acq On : 23 Aug 2017 12:07
Operator : SJ/JU
Sample : I4827-06DL 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB5DL

Manual Integrations APPROVED
Sohil
8/24/2017 4:38:24 PM

Quant Time: Aug 24 02:27:56 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 24 01:29:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	39818	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	188310	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	131675	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	288685	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	325434	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	317118	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	7.50	99	2945	0.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	2361	0.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	2361	0.86	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	2805	0.77	ng/ul	0.01
19) Nitrobenzene-d5	9.52	128	1105	0.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	1287	0.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	2864	0.86	ng/ul	0.01
29) 4-Chloroaniline-d4	11.29	131	2749	0.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	10560	0.90	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	12858	0.97	ng/ul	0.00
51) 4-Nitrophenol-d4	15.19	143	311	0.17	ng/ul	0.04
57) Fluorene-d10	15.93	176	10051	0.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	132	0.07	ng/ul	0.01
70) Anthracene-d10	17.80	188	14499	1.05	ng/ul	0.00
76) Pyrene-d10	20.08	212	15675	0.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	16126	1.09	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.21	128	23137	2.481	ng/ul	99
34) 2-Methylnaphthalene	12.80	142	9809m	1.309	ng/ul	
49) Acenaphthene	15.02	153	19985	2.347	ng/ul	92
53) Dibenzofuran	15.35	168	28988	2.335	ng/ul	98
58) Fluorene	16.00	166	36581	3.328	ng/ul	95
69) Phenanthrene	17.75	178	383538	26.400	ng/ul	98
71) Anthracene	17.84	178	74049	4.987	ng/ul	98
72) Carbazole	18.11	167	32638	2.527	ng/ul	95
74) Fluoranthene	19.74	202	419228	23.744	ng/ul	99
77) Pyrene	20.11	202	363991	18.747	ng/ul	98
80) Benzo(a)anthracene	22.02	228	178740	9.506	ng/ul	99
82) Chrysene	22.09	228	166015	9.803	ng/ul	96
85) Benzo(b)fluoranthene	24.43	252	201206	10.603	ng/ul#	96
86) Benzo(k)fluoranthene	24.48	252	71192m	3.841	ng/ul	
88) Benzo(a)pyrene	25.38	252	153330	8.345	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.56	276	85201	3.960	ng/ul	99
90) Dibenzo(a,h)anthracene	29.64	278	21745m	1.206	ng/ul	
91) Benzo(g,h,i)perylene	30.85	276	62960m	3.557	ng/ul	

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

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