Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028284.D
Acq On : 11 Aug 2017 7:53
Operator : SJ/JU
Sample : I4550-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF8

Manual Integrations APPROVED
Sohil
8/14/2017 4:03:21 PM

Quant Time: Aug 11 15:31:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	51243	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	225638	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	154062	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	360663m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	409515	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	392681	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	3527	3.21	ng/uL	0.00
5) Phenol-d5	7.50	99	83317	14.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	59438	16.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	52955	14.92	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	67386	14.33	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	31654	17.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	22996	11.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	53000	13.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	71110	15.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	243942	17.80	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	281524	18.22	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	700	0.32	ng/ul	0.03
57) Fluorene-d10	15.95	176	207664	16.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	973m	0.42	ng/ul	0.00
70) Anthracene-d10	17.80	188	316777	18.32	ng/ul	0.00
76) Pyrene-d10	20.08	212	374693	17.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	344940	18.76	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.53	94	14548	2.601	ng/ul#	83
28) Naphthalene	11.22	128	33110	2.963	ng/ul	97
34) 2-Methylnaphthalene	12.80	142	18476	2.058	ng/ul	96
44) Dimethylphthalate	14.40	163	73176	5.800	ng/ul	99
49) Acenaphthene	15.02	153	22135	2.222	ng/ul	89
53) Dibenzofuran	15.35	168	41748	2.874	ng/ul	92
58) Fluorene	16.00	166	38995	3.033	ng/ul	92
69) Phenanthrene	17.75	178	696723m	38.386	ng/ul	
71) Anthracene	17.84	178	93322	5.031	ng/ul	96
72) Carbazole	18.11	167	88117	5.462	ng/ul	98
74) Fluoranthene	19.75	202	1049251	47.567	ng/ul	99
77) Pyrene	20.11	202	857930	35.115	ng/ul	99
80) Benzo(a)anthracene	22.02	228	432703	18.287	ng/ul	99
82) Chrysene	22.09	228	416443	19.542	ng/ul	97
85) Benzo(b)fluoranthene	24.42	252	542690m	23.095	ng/ul	
86) Benzo(k)fluoranthene	24.48	252	185477	8.081	ng/ul	98
88) Benzo(a)pyrene	25.38	252	377645	16.598	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.54	276	265026	9.947	ng/ul#	98
90) Dibenzo(a,h)anthracene	29.59	278	62458	2.797	ng/ul#	96
91) Benzo(g,h,i)perylene	30.81	276	208144	9.496	ng/ul	94

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

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