Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029479.D
Acq On : 26 Oct 2017 15:36
Operator : SJ/JU
Sample : I5792-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0D52

Manual Integrations APPROVED
Sohil
10/27/2017 5:33:00 PM

Quant Time: Oct 26 17:52:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 15:59:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	114187	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	519626	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	314688	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	673592	20.00	ng/ul	0.01
75) Chrysene-d12	21.81	240	702778	20.00	ng/ul	0.01
83) Perylene-d12	25.15	264	710217	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	16559	5.89	ng/uL	0.00
5) Phenol-d5	7.32	99	385136	35.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	224558	32.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	306418	39.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	292492	33.04	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	161171	43.21	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	194269	50.83	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.60	165	337961	38.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	207404	20.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	978345	36.36	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1268595	38.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	135899	27.36	ng/ul	0.00
57) Fluorene-d10	15.78	176	889268	40.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	121172	36.85	ng/ul	0.01
70) Anthracene-d10	17.63	188	1253788	39.36	ng/ul	0.01
76) Pyrene-d10	19.91	212	1431607	39.35	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.93	264	1426305	42.40	ng/ul	0.05
Target Compounds						Qvalue
6) Phenol	7.35	94	46876	4.134	ng/ul	90
14) Acetophenone	8.99	105	17874	1.322	ng/ul#	75
28) Naphthalene	11.04	128	326426	11.872	ng/ul	100
34) 2-Methylnaphthalene	12.63	142	204829	8.999	ng/ul	97
40) 1,1'-Biphenyl	13.63	154	77037	2.969	ng/ul	97
44) Dimethylphthalate	14.23	163	67165	2.560	ng/ul	98
47) Acenaphthylene	14.52	152	182783	5.476	ng/ul#	90
49) Acenaphthene	14.86	153	50494	2.211	ng/ul#	91
53) Dibenzofuran	15.18	168	371280	11.893	ng/ul	95
58) Fluorene	15.83	166	205312	8.244	ng/ul	97
69) Phenanthrene	17.59	178	4270317m	117.272	ng/ul	
71) Anthracene	17.66	178	121573	3.236	ng/ul	98
72) Carbazole	17.93	167	386726	11.451	ng/ul	99
74) Fluoranthene	19.59	202	4554399m	111.913	ng/ul	
77) Pyrene	19.95	202	4081554m	86.656	ng/ul	
80) Benzo(a)anthracene	21.79	228	1217109	27.635	ng/ul	94
82) Chrysene	21.86	228	2766634	69.135	ng/ul#	87
85) Benzo(b)fluoranthene	24.10	252	3037954	71.252	ng/ul	95
86) Benzo(k)fluoranthene	24.16	252	1063688	25.803	ng/ul	94
88) Benzo(a)pyrene	25.00	252	1682174	40.532	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	28.97	276	1260854	26.852	ng/ul	98
90) Dibenzo(a,h)anthracene	29.00	278	258204	6.619	ng/ul#	91
91) Benzo(g,h,i)perylene	30.16	276	1016406	26.114	ng/ul	95

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

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