Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029475.D
Acq On : 26 Oct 2017 12:58
Operator : SJ/JU
Sample : I5792-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0D38

Manual Integrations APPROVED
Sohil
10/27/2017 5:32:48 PM

Quant Time: Oct 26 17:32:30 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:08:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	94300	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	436542	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	273103	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	576712	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	608279	20.00	ng/ul	0.00
83) Perylene-d12	25.13	264	612469	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	13298	5.73	ng/uL	0.00
5) Phenol-d5	7.32	99	306418	33.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	183772	32.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	249496	39.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	249887	34.18	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	132212	42.19	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	154449	48.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	280148	38.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	270080	31.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	833218	35.69	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1066159	37.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	111433	25.85	ng/ul	0.00
57) Fluorene-d10	15.78	176	751032	39.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	95727	34.00	ng/ul	0.00
70) Anthracene-d10	17.63	188	1050498	38.51	ng/ul	0.00
76) Pyrene-d10	19.90	212	1204497	38.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.91	264	1204430	41.52	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.35	94	35723	3.814	ng/ul	95
28) Naphthalene	11.04	128	113033	4.893	ng/ul	99
34) 2-Methylnaphthalene	12.63	142	79764	4.172	ng/ul	96
40) 1,1'-Biphenyl	13.63	154	23238	1.032	ng/ul#	88
44) Dimethylphthalate	14.23	163	45799	2.011	ng/ul	98
47) Acenaphthylene	14.52	152	80084	2.765	ng/ul#	90
49) Acenaphthene	14.86	153	25182	1.271	ng/ul	93
53) Dibenzofuran	15.19	168	122135	4.508	ng/ul	96
58) Fluorene	15.83	166	108473	5.019	ng/ul	97
69) Phenanthrene	17.58	178	2090122m	67.042	ng/ul	
71) Anthracene	17.66	178	79207	2.462	ng/ul	99
72) Carbazole	17.92	167	128857	4.456	ng/ul	98
74) Fluoranthene	19.57	202	2321976	66.642	ng/ul#	94
77) Pyrene	19.94	202	2081791	51.065	ng/ul#	96
80) Benzo(a)anthracene	21.78	228	651969	17.103	ng/ul	98
82) Chrysene	21.85	228	1142868	32.996	ng/ul#	93
85) Benzo(b)fluoranthene	24.08	252	1184700	32.221	ng/ul	97
86) Benzo(k)fluoranthene	24.14	252	437052m	12.294	ng/ul	
88) Benzo(a)pyrene	24.98	252	715118	19.981	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	28.93	276	465012	11.484	ng/ul	98
90) Dibenzo(a,h)anthracene	28.99	278	105460m	3.135	ng/ul	
91) Benzo(g,h,i)perylene	30.13	276	374809	11.167	ng/ul#	93

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

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