Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029426.D
Acq On : 24 Oct 2017 16:01
Operator : SJ/JU
Sample : I5925-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB3L5

Quant Time: Oct 24 19:16:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	64601	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	306772	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	208267	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	504174	20.00	ng/ul	-0.01
75) Chrysene-d12	21.80	240	531837	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	540772	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	7079	4.45	ng/uL	0.00
5) Phenol-d5	7.31	99	139701	22.53	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	80901	20.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	109757	25.09	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	121480	24.26	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	55412	25.16	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	65777	29.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	125211	24.35	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	146886	24.59	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	428307	24.05	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	529891	24.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	55256	16.81	ng/ul	-0.01
57) Fluorene-d10	15.77	176	392867	26.94	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.88	200	42372	17.22	ng/ul	-0.01
70) Anthracene-d10	17.62	188	597383	25.05	ng/ul	-0.01
76) Pyrene-d10	19.89	212	686532	24.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	662056	25.85	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	11.03	128	23443	1.444	ng/ul#	96
34) 2-Methylnaphthalene	12.63	142	16285	1.212	ng/ul	94
49) Acenaphthene	14.84	153	19975	1.322	ng/ul	99
53) Dibenzofuran	15.18	168	23851	1.154	ng/ul#	87
58) Fluorene	15.83	166	25389	1.540	ng/ul	99
69) Phenanthrene	17.56	178	493675	18.113	ng/ul	98
71) Anthracene	17.65	178	102946	3.661	ng/ul	98
72) Carbazole	17.92	167	34527	1.366	ng/ul	98
74) Fluoranthene	19.56	202	880013	28.891	ng/ul	99
77) Pyrene	19.92	202	777580	21.815	ng/ul	98
80) Benzo(a)anthracene	21.77	228	461963	13.860	ng/ul	99
82) Chrysene	21.84	228	411715	13.595	ng/ul	97
85) Benzo(b)fluoranthene	24.05	252	520443	16.031	ng/ul	96
86) Benzo(k)fluoranthene	24.11	252	168610	5.372	ng/ul	99
88) Benzo(a)pyrene	24.94	252	358532	11.346	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.88	276	239584	6.701	ng/ul	96
90) Dibenzo(a,h)anthracene	28.93	278	66783	2.249	ng/ul#	92
91) Benzo(g,h,i)perylene	30.06	276	209406	7.066	ng/ul#	93

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

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