Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029429.D
Acq On : 24 Oct 2017 18:00
Operator : SJ/JU
Sample : I5925-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB3L8

Manual Integrations APPROVED
Sohil
10/25/2017 6:27:14 PM

Quant Time: Oct 24 19:46:33 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	8.17	152	58154	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	280713	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	189315	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	448203	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	486507	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	491687	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	9102	6.36	ng/uL	0.00
5) Phenol-d5	7.31	99	181754	32.56	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	104852	30.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	140672	35.73	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	161489	35.82	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	73455	36.45	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	85584	41.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	167217	35.54	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	188993	34.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	546577	33.77	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	683348	34.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	76110m	25.47	ng/ul	-0.01
57) Fluorene-d10	15.77	176	500304	37.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	70100	32.04	ng/ul	0.00
70) Anthracene-d10	17.62	188	751508	35.45	ng/ul	-0.01
76) Pyrene-d10	19.89	212	873090	34.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	851662	36.57	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	18215	1.154	ng/ul	98
49) Acenaphthene	14.85	153	14687	1.069	ng/ul	95
58) Fluorene	15.83	166	20211	1.349	ng/ul	96
69) Phenanthrene	17.56	178	355573	14.675	ng/ul	98
71) Anthracene	17.65	178	60045	2.402	ng/ul	99
72) Carbazole	17.92	167	25886	1.152	ng/ul	93
74) Fluoranthene	19.56	202	599844	22.152	ng/ul	100
77) Pyrene	19.92	202	596491	18.294	ng/ul	99
80) Benzo(a)anthracene	21.77	228	364150	11.944	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.66	149	24579	1.283	ng/ul#	94
82) Chrysene	21.84	228	377257	13.618	ng/ul	95
85) Benzo(b)fluoranthene	24.05	252	422853	14.325	ng/ul	97
86) Benzo(k)fluoranthene	24.11	252	166525m	5.835	ng/ul	
88) Benzo(a)pyrene	24.95	252	290944	10.126	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.87	276	205553	6.323	ng/ul	98
90) Dibenzo(a,h)anthracene	28.94	278	64690m	2.396	ng/ul	
91) Benzo(g,h,i)perylene	30.07	276	173144	6.426	ng/ul	96

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

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