Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029424.D
Acq On : 24 Oct 2017 14:42
Operator : SJ/JU
Sample : I5925-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB3L3

Manual Integrations APPROVED
Sohil
10/25/2017 6:27:06 PM

Quant Time: Oct 24 19:29:22 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	71535	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	336976	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	231316	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	575050	20.00	ng/ul	-0.01
75) Chrysene-d12	21.79	240	610976	20.00	ng/ul	-0.01
83) Perylene-d12	25.10	264	618993	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	7620	4.33	ng/uL	0.00
5) Phenol-d5	7.31	99	154011	22.43	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	91126	21.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	119238	24.62	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	137245	24.75	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	62077	25.66	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	74635	30.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	143058	25.33	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	222005	33.83	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	483109	24.43	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	591817	24.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	64153	17.57	ng/ul	-0.01
57) Fluorene-d10	15.77	176	440650	27.21	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.88	200	53957	19.22	ng/ul	-0.01
70) Anthracene-d10	17.62	188	686208	25.23	ng/ul	-0.01
76) Pyrene-d10	19.89	212	788030	24.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	760377	25.94	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	11.03	128	50758	2.847	ng/ul	97
34) 2-Methylnaphthalene	12.62	142	25236	1.710	ng/ul	98
49) Acenaphthene	14.84	153	27240	1.623	ng/ul	95
53) Dibenzofuran	15.18	168	33781	1.472	ng/ul	91
58) Fluorene	15.83	166	34342	1.876	ng/ul	93
69) Phenanthrene	17.57	178	540942	17.401	ng/ul	98
71) Anthracene	17.65	178	109833	3.424	ng/ul	99
72) Carbazole	17.92	167	45112	1.565	ng/ul	97
74) Fluoranthene	19.56	202	839272	24.157	ng/ul	100
77) Pyrene	19.92	202	729499	17.815	ng/ul	99
80) Benzo(a)anthracene	21.77	228	414830	10.834	ng/ul	100
82) Chrysene	21.84	228	376721	10.828	ng/ul	97
85) Benzo(b)fluoranthene	24.05	252	485549	13.066	ng/ul	99
86) Benzo(k)fluoranthene	24.11	252	171995m	4.787	ng/ul	
88) Benzo(a)pyrene	24.94	252	312938	8.651	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	28.88	276	192307	4.699	ng/ul	97
90) Dibenzo(a,h)anthracene	28.92	278	58047	1.707	ng/ul	98
91) Benzo(g,h,i)perylene	30.05	276	176164	5.193	ng/ul	96

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

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