Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029428.D
Acq On : 24 Oct 2017 17:21
Operator : SJ/JU
Sample : I5925-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB3L7

Manual Integrations APPROVED
Sohil
10/25/2017 6:27:12 PM

Quant Time: Oct 24 19:42:17 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	63780	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	305826	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.78	164	207552	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	491141	20.00	ng/ul	-0.01
75) Chrysene-d12	21.79	240	531250	20.00	ng/ul	-0.01
83) Perylene-d12	25.10	264	531907	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	8534	5.44	ng/uL	0.00
5) Phenol-d5	7.32	99	170458	27.85	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	98267	25.65	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.70	132	134848	31.23	ng/ul	-0.01
13) 4-Methylphenol-d8	8.87	113	153919	31.13	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	68765	31.32	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	81606	36.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	158736	30.97	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	194515	32.66	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	523199	29.49	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	647287	30.00	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.97	143	69717	21.28	ng/ul	-0.01
57) Fluorene-d10	15.77	176	479121	32.97	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.88	200	67590	28.19	ng/ul	-0.01
70) Anthracene-d10	17.62	188	717362	30.88	ng/ul	-0.01
76) Pyrene-d10	19.89	212	828429	30.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	802286	31.85	ng/ul	-0.02
Target Compounds						Qvalue
44) Dimethylphthalate	14.22	163	37972	2.194	ng/ul#	97
69) Phenanthrene	17.56	178	203334	7.658	ng/ul	98
71) Anthracene	17.66	178	34735	1.268	ng/ul	96
74) Fluoranthene	19.56	202	348776	11.754	ng/ul	99
77) Pyrene	19.92	202	310090	8.709	ng/ul	98
80) Benzo(a)anthracene	21.77	228	174586	5.244	ng/ul	99
82) Chrysene	21.84	228	177906	5.881	ng/ul	98
85) Benzo(b)fluoranthene	24.05	252	230980	7.233	ng/ul	99
86) Benzo(k)fluoranthene	24.11	252	87035m	2.819	ng/ul	
88) Benzo(a)pyrene	24.94	252	155985	5.018	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.87	276	119234	3.391	ng/ul	98
90) Dibenzo(a,h)anthracene	28.93	278	34330	1.175	ng/ul#	93
91) Benzo(g,h,i)perylene	30.06	276	111195	3.815	ng/ul	96

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

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