Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029430.D
Acq On : 24 Oct 2017 18:41
Operator : SJ/JU
Sample : I5925-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB3L9

Manual Integrations APPROVED
Sohil
10/25/2017 6:27:16 PM

Quant Time: Oct 24 19:49:36 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	65940	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	311494	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	207638	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	496060	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	527783	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	533704	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	9391	5.79	ng/uL	0.00
5) Phenol-d5	7.32	99	216904	34.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	120949	30.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	165336	37.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	188114	36.80	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	82506	36.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	97988	42.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	191402	36.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	186896	30.81	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	598628	33.72	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	753038	34.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	86005	26.24	ng/ul	0.00
57) Fluorene-d10	15.77	176	546125	37.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	85007	35.11	ng/ul	0.00
70) Anthracene-d10	17.62	188	815901	34.78	ng/ul	0.00
76) Pyrene-d10	19.89	212	942868	34.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	915790	36.23	ng/ul	-0.02
Target Compounds						Qvalue
6) Phenol	7.34	94	12922	1.973	ng/ul	94
44) Dimethylphthalate	14.23	163	51350	2.966	ng/ul	98
69) Phenanthrene	17.56	178	160424	5.982	ng/ul	100
71) Anthracene	17.66	178	30168	1.090	ng/ul	96
74) Fluoranthene	19.56	202	345288	11.521	ng/ul	99
77) Pyrene	19.92	202	322348	9.113	ng/ul	99
80) Benzo(a)anthracene	21.78	228	195142	5.900	ng/ul	99
82) Chrysene	21.84	228	194912	6.486	ng/ul	99
85) Benzo(b)fluoranthene	24.05	252	263578	8.227	ng/ul	100
86) Benzo(k)fluoranthene	24.11	252	99140m	3.200	ng/ul	
88) Benzo(a)pyrene	24.95	252	168573	5.405	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	28.87	276	128113	3.631	ng/ul	98
90) Dibenzo(a,h)anthracene	28.93	278	36524	1.246	ng/ul#	91
91) Benzo(g,h,i)perylene	30.07	276	108945	3.725	ng/ul	95

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

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