Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025117.D
Acq On : 12 Dec 2016 16:46
Operator : UM/SJ
Sample : H5860-20 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8E6

Manual Integrations APPROVED
sohil
12/13/2016 6:06:38 PM

Quant Time: Dec 13 00:58:13 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 00:29:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	90352	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	375985	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	311564	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	638232	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	735855	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	762403	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	1255	0.72	ng/uL	0.00
5) Phenol-d5	7.38	99	23807	3.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	16299	3.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	19263	3.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	22742	3.49	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	8578	3.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	10349	3.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	21506	3.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	11159	1.78	ng/ul	0.01
43) Dimethylphthalate-d6	14.26	166	76649	3.58	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	87162	3.71	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	3379	0.92	ng/ul	0.01
57) Fluorene-d10	15.85	176	76406	3.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	7895	2.00	ng/ul	0.00
70) Anthracene-d10	17.70	188	117157	4.35	ng/ul	0.00
76) Pyrene-d10	19.97	212	137526	4.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	132178	4.28	ng/ul	0.00
Target Compounds						Qvalue
69) Phenanthrene	17.65	178	110030	3.61	ng/ul	94
74) Fluoranthene	19.64	202	275825	7.62	ng/ul	97
77) Pyrene	20.00	202	210849	5.96	ng/ul#	96
80) Benzo(a)anthracene	21.88	228	105830m	2.77	ng/ul	
82) Chrysene	21.95	228	113126	3.16	ng/ul	99
85) Benzo(b)fluoranthene	24.22	252	158413m	4.19	ng/ul	
86) Benzo(k)fluoranthene	24.27	252	51783m	1.44	ng/ul	
88) Benzo(a)pyrene	25.16	252	83549	2.30	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.24	276	76990m	1.70	ng/ul	
91) Benzo(g,h,i)perylene	30.50	276	56468m	1.50	ng/ul	

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

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