Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
Data File : BG023707.D
Acq On : 14 Aug 2016 3:18
Operator : UM/SJ
Sample : H4388-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 16 11:12:50 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PR002-SS002-0002-01

Manual Integrations APPROVED

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8/16/2016 6:59:58 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	133619	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	575679	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	359981	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	728485	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	772216	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	785198	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	12178	3.87	ng/uL	0.00
5) Phenol-d5	7.27	99	320080	23.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	214879	24.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	233330	25.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	238975	22.74	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	118959	26.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	145455	27.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	251581	25.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	204862	17.76	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	773094	26.23	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	915768	27.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	102908	20.45	ng/ul	0.00
57) Fluorene-d10	15.78	176	686349	25.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	99266	21.24	ng/ul	0.00
70) Anthracene-d10	17.65	188	919725	28.02	ng/ul	0.00
76) Pyrene-d10	19.94	212	1002636	25.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	1007131	28.34	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.30	94	26775	1.91	ng/ul#	74
34) 2-Methylnaphthalene	12.61	142	26670	1.13	ng/ul	91
44) Dimethylphthalate	14.23	163	689945	23.64	ng/ul	99
47) Acenaphthylene	14.51	152	110368	3.18	ng/ul	96
58) Fluorene	15.84	166	66022	2.26	ng/ul#	98
69) Phenanthrene	17.59	178	1244581	32.99	ng/ul	99
71) Anthracene	17.68	178	100206	2.60	ng/ul	97
72) Carbazole	17.96	167	42111	1.36	ng/ul	98
74) Fluoranthene	19.61	202	1348294	34.91	ng/ul#	91
77) Pyrene	19.97	202	1676478	35.12	ng/ul	95
80) Benzo(a)anthracene	21.85	228	711985m	16.37	ng/ul	
82) Chrysene	21.92	228	884018	22.36	ng/ul	95
85) Benzo(b)fluoranthene	24.20	252	783988	17.55	ng/ul#	94
86) Benzo(k)fluoranthene	24.26	252	262545m	5.97	ng/ul	
88) Benzo(a)pyrene	25.13	252	601139	13.94	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.18	276	320072m	6.32	ng/ul	
90) Dibenzo(a,h)anthracene	29.23	278	103372m	2.39	ng/ul	
91) Benzo(g,h,i)perylene	30.42	276	283121	6.74	ng/ul#	84

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

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