Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
Data File : BG021822.D
Acq On : 10 May 2016 18:42
Operator : UM/SJ
Sample : H2938-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XB0

Manual Integrations APPROVED
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Quant Time: May 11 11:54:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	80008	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	395443	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	220200	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	443664	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	446780	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	438166	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	7232	4.36	ng/uL	0.00
5) Phenol-d5	7.33	99	164788	27.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	80697	27.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	147809	32.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	124287m	24.92	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	77091	29.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	73397m	44.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	142936m	30.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	81114m	16.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	453366	29.31	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	610198	27.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	70785m	26.70	ng/ul	0.00
58) Fluorene-d10	15.79	176	419474	25.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	43304	35.24	ng/ul	0.00
71) Anthracene-d10	17.64	188	576610	26.70	ng/ul	0.00
77) Pyrene-d10	19.92	212	620526	29.67	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	577428	27.74	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	11.05	128	24524	1.24	ng/ul	98
45) Dimethylphthalate	14.25	163	81847	5.19	ng/ul	98
48) Acenaphthylene	14.53	152	42213m	1.87	ng/ul	
50) Acenaphthene	14.87	153	36545	2.34	ng/ul	96
54) Dibenzofuran	15.20	168	21612m	1.03	ng/ul	
59) Fluorene	15.85	166	44443	2.45	ng/ul	99
70) Phenanthrene	17.59	178	1146923	47.28	ng/ul	93
72) Anthracene	17.67	178	156892	6.37	ng/ul	100
73) Carbazole	17.94	167	152424	7.14	ng/ul#	96
74) Di-n-butylphthalate	18.49	149	59252	3.05	ng/ul#	95
75) Fluoranthene	19.59	202	2475801m	89.84	ng/ul	
78) Pyrene	19.95	202	1996728	77.25	ng/ul#	82
81) Benzo(a)anthracene	21.82	228	1329266	53.46	ng/ul#	91
82) Bis(2-ethylhexyl)phthalate	21.70	149	170099	18.24	ng/ul	98
83) Chrysene	21.88	228	1385003m	56.31	ng/ul	
86) Benzo(b)fluoranthene	24.12	252	2085517	83.15	ng/ul#	92
87) Benzo(k)fluoranthene	24.18	252	660009m	24.58	ng/ul	
89) Benzo(a)pyrene	25.02	252	1261059	50.51	ng/ul#	91
90) Indeno(1,2,3-cd)pyrene	29.03	276	1004632	33.95	ng/ul#	91
91) Dibenzo(a,h)anthracene	29.07	278	264136m	10.73	ng/ul	
92) Benzo(g,h,i)perylene	30.23	276	798276	32.69	ng/ul#	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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