Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023625.D
Acq On : 11 Aug 2016 14:00
Operator : UM/SJ
Sample : H4362-02 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-3642-01

Manual Integrations APPROVED
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8/12/2016 5:55:38 PM

Quant Time: Aug 12 04:03:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 03:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	212550	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	984672	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	634722	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1106580	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1084522	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	1100773	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	3238	0.65	ng/uL	0.00
5) Phenol-d5	7.27	99	138124	6.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	123215	8.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	123185	8.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	74406	4.45	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	71287	9.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	90164	10.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	148985	8.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	103870	5.27	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	489591	9.42	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	579399	9.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	28607m	3.22	ng/ul	0.02
57) Fluorene-d10	15.78	176	414301	8.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	12507	1.76	ng/ul	0.00
70) Anthracene-d10	17.65	188	513521	10.30	ng/ul	0.00
76) Pyrene-d10	19.94	212	492787	8.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	491001	9.85	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	270687	5.26	ng/ul	99
47) Acenaphthylene	14.51	152	101271	1.66	ng/ul	100
49) Acenaphthene	14.85	153	43699	1.05	ng/ul	95
53) Dibenzofuran	15.19	168	91924	1.49	ng/ul	89
69) Phenanthrene	17.59	178	1722446	30.06	ng/ul	95
71) Anthracene	17.69	178	378551	6.47	ng/ul	97
72) Carbazole	17.96	167	103905	2.21	ng/ul	99
73) Di-n-butylphthalate	18.50	149	83981	1.42	ng/ul#	90
74) Fluoranthene	19.61	202	2248638	38.33	ng/ul	98
77) Pyrene	19.97	202	2328057	34.72	ng/ul	98
80) Benzo(a)anthracene	21.86	228	1352478	22.14	ng/ul#	91
81) Bis(2-ethylhexyl)phthalate	21.76	149	8902507	260.36	ng/ul#	1
82) Chrysene	21.93	228	1362408	24.53	ng/ul#	92
84) Di-n-octyl phthalate	23.00	149	1055950	18.99	ng/ul	100
85) Benzo(b)fluoranthene	24.20	252	1404973m	22.44	ng/ul	
86) Benzo(k)fluoranthene	24.26	252	565448m	9.17	ng/ul	
88) Benzo(a)pyrene	25.13	252	1134768m	18.77	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.18	276	753921	10.61	ng/ul#	87
90) Dibenzo(a,h)anthracene	29.23	278	226439m	3.74	ng/ul	
91) Benzo(g,h,i)perylene	30.41	276	731720	12.42	ng/ul#	88

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

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