Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022787.D
Acq On : 2 Jul 2016 10:28
Operator : UM/SJ
Sample : H3752-14
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDHN2

Manual Integrations APPROVED
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Quant Time: Jul 04 08:35:01 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 08:19:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	149670	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	649235	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	520903	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1263545	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1418260	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1481739	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	6273	2.34	ng/uL	0.00
5) Phenol-d5	7.31	99	329591	20.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	205393	23.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	220174	20.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	241370	19.74	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	123859	23.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	146954	23.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	283179	21.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	311159	28.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1032669	24.40	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1157794	23.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	147763	22.24	ng/ul	0.00
57) Fluorene-d10	15.79	176	996487	24.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	165491	20.36	ng/ul	0.00
70) Anthracene-d10	17.66	188	1412696	24.05	ng/ul	0.00
76) Pyrene-d10	19.94	212	1719285	25.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	1802312	25.60	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.33	94	17981	1.12	ng/ul#	46
44) Dimethylphthalate	14.25	163	131752	3.05	ng/ul	99
47) Acenaphthylene	14.53	152	53546	1.10	ng/ul#	95
49) Acenaphthene	14.86	153	127195	3.83	ng/ul	86
53) Dibenzofuran	15.20	168	82352	1.61	ng/ul	95
58) Fluorene	15.85	166	118584	2.88	ng/ul#	99
69) Phenanthrene	17.60	178	1009800	15.62	ng/ul	99
71) Anthracene	17.69	178	487953	7.35	ng/ul	98
74) Fluoranthene	19.61	202	2539729	37.72	ng/ul#	89
77) Pyrene	19.97	202	1940827	24.45	ng/ul#	85
80) Benzo(a)anthracene	21.84	228	1272851	15.30	ng/ul	96
82) Chrysene	21.91	228	1092857	14.43	ng/ul	97
85) Benzo(b)fluoranthene	24.16	252	1434403	15.49	ng/ul#	92
86) Benzo(k)fluoranthene	24.22	252	482501	5.55	ng/ul#	86
88) Benzo(a)pyrene	25.08	252	1030469	11.71	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	29.08	276	661562m	7.11	ng/ul	
90) Dibenzo(a,h)anthracene	29.14	278	173049m	2.25	ng/ul	
91) Benzo(g,h,i)perylene	30.30	276	500712	6.87	ng/ul#	76

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

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