Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018283.D
Acq On : 5 Aug 2015 22:37
Operator : UM/TP
Sample : G3109-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P9

Quant Time: Aug 07 12:18:00 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	38382	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	161807	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	89766	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	159021	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	202035	20.00	ng/ul	0.02
86) Perylene-d12	23.30	264	261466	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	2095	4.71	ng/uL	0.00
5) Phenol-d5	6.64	99	60814	20.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	35992	24.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	53619	21.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	50042	19.64	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	29619m	23.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	32906	22.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	53601	20.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	22821	7.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	164227	23.66	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	177152	22.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	13588	11.86	ng/ul	0.00
58) Fluorene-d10	15.12	176	124408	19.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	18066m	16.41	ng/ul	0.00
71) Anthracene-d10	16.98	188	134347	19.21	ng/ul	0.00
79) Pyrene-d10	19.31	212	123912	10.96	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.16	264	254626	18.72	ng/ul	0.05
Target Compounds						Qvalue
14) Acetophenone	8.22	105	13619	3.33	ng/ul#	57
16) 4-Methylphenol	8.24	108	8259	3.01	ng/ul#	78
24) 2,4-Dimethylphenol	9.42	107	14647	4.49	ng/ul	95
28) Naphthalene	10.26	128	109628	14.41	ng/ul#	96
34) 2-Methylnaphthalene	11.90	142	68348	11.20	ng/ul	97
35) 1-Methylnaphthalene	12.12	142	45315	7.68	ng/ul#	94
41) 1,1'-Biphenyl	12.93	154	27301	4.41	ng/ul	95
45) Dimethylphthalate	13.58	163	63616	9.18	ng/ul	98
50) Acenaphthene	14.18	153	62721	11.96	ng/ul	98
54) Dibenzofuran	14.52	168	61092	7.91	ng/ul	93
59) Fluorene	15.18	166	63700	9.39	ng/ul	95
65) N-Nitrosodiphenylamine	15.40	169	18433	4.41	ng/ul#	61
70) Phenanthrene	16.92	178	297849	37.11	ng/ul	98
72) Anthracene	17.01	178	75198m	9.39	ng/ul	
75) Carbazole	17.29	167	30060	4.45	ng/ul#	84
77) Fluoranthene	18.97	202	299166	33.61	ng/ul#	94
80) Pyrene	19.34	202	261631	18.62	ng/ul#	96
81) Butylbenzylphthalate	20.25	149	92390	16.96	ng/ul	89
83) Benzo(a)anthracene	21.09	228	153978	14.44	ng/ul#	89
84) Bis(2-ethylhexyl)phthalate	21.03	149	1356420	206.87	ng/ul#	86
85) Chrysene	21.14	228	191081	19.94	ng/ul#	93
88) Benzo(b)fluoranthene	22.64	252	347120	21.65	ng/ul#	63
89) Benzo(k)fluoranthene	22.68	252	102615m	6.67	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a)pyrene	23.21	252	207588	14.83	ng/ul#	64
92) Indeno(1,2,3-cd)pyrene	25.52	276	99813	5.76	ng/ul#	77
94) Benzo(g,h,i)perylene	26.20	276	111807m	7.95	ng/ul	

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

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