Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001864.D
Acq On : 07 Jul 2015 12:30
Operator : TP/UM
Sample : G2861-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L8

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Quant Time: Jul 08 04:04:53 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 02:11:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	64876	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	251015	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	146056	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	313368	20.00	ng/ul	0.01
77) Chrysene-d12	21.27	240	382124	20.00	ng/ul	0.01
85) Perylene-d12	23.50	264	393712	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	2715	2.00	ng/uL	0.00
5) Phenol-d5	6.83	99	59262	11.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	33322	11.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	50566	12.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	50481	12.62	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	22712	13.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	25983	13.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	52456	12.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	54445	13.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	141397	13.06	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	184385	12.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	19735	9.88	ng/ul	0.00
57) Fluorene-d10	15.32	176	134901	13.42	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.46	200	5951	3.11	ng/ul	0.02
70) Anthracene-d10	17.17	188	206437	14.14	ng/ul	0.01
78) Pyrene-d10	19.47	212	230776	14.26	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.36	264	239537	13.80	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	6.86	94	8795	1.71	ng/ul	98
14) Acetophenone	8.49	105	16517	2.60	ng/ul	94
16) 4-Methylphenol	8.44	108	8341	2.02	ng/ul	91
28) Naphthalene	10.51	128	1068714	84.32	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	367476	40.09	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	149415	12.53	ng/ul	98
44) Dimethylphthalate	13.78	163	35568	3.00	ng/ul	99
47) Acenaphthylene	14.05	152	631254	43.61	ng/ul	99
49) Acenaphthene	14.39	153	149543	15.46	ng/ul	98
53) Dibenzofuran	14.72	168	456185	32.93	ng/ul	98
58) Fluorene	15.37	166	639460	55.46	ng/ul	98
69) Phenanthrene	17.13	178	5362276	315.58	ng/ul	98
71) Anthracene	17.21	178	1217927	69.81	ng/ul	99
74) Carbazole	17.48	167	233061	15.23	ng/ul	99
76) Fluoranthene	19.15	202	5345544	263.03	ng/ul	98
79) Pyrene	19.52	202	5008440	236.25	ng/ul	97
82) Benzo(a)anthracene	21.26	228	2093410m	93.76	ng/ul	
84) Chrysene	21.31	228	1669918	78.91	ng/ul	97
87) Benzo(b)fluoranthene	22.84	252	2124845	92.71	ng/ul#	99
88) Benzo(k)fluoranthene	22.87	252	775437m	35.01	ng/ul	
90) Benzo(a)pyrene	23.41	252	1820242	81.64	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.76	276	1224314	46.31	ng/ul	96
92) Dibenzo(a,h)anthracene	25.76	278	265711	11.91	ng/ul#	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	26.46	276	1147327	51.61	ng/ul	99

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

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