Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018385.D
Acq On : 11 Aug 2015 17:25
Operator : UM/MA
Sample : G3136-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K2

Manual Integrations APPROVED
MMDadoda
8/12/2015 3:53:15 PM

Quant Time: Aug 12 02:22:48 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 00:54:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	90866	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	385429	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	212811	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	436758	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	387382	20.00	ng/ul	0.00
86) Perylene-d12	24.92	264	402555	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	4431	2.15	ng/uL	0.00
5) Phenol-d5	7.20	99	84598	10.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	57893	11.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	68767	10.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	46783	6.75	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	37653m	12.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	37258	12.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	67398	10.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	40541	5.52	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	226061	12.63	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	270599	12.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	10715	3.33	ng/ul	0.00
58) Fluorene-d10	15.66	176	177383	11.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.51	188	239836	11.48	ng/ul	0.00
79) Pyrene-d10	19.80	212	231441	11.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.70	264	218093	10.21	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.23	94	10873	1.29	ng/ul#	89
14) Acetophenone	8.85	105	15373	1.54	ng/ul#	59
28) Naphthalene	10.90	128	35497	1.74	ng/ul	96
34) 2-Methylnaphthalene	12.50	142	35860	2.43	ng/ul	97
35) 1-Methylnaphthalene	12.72	142	18443	1.28	ng/ul#	87
45) Dimethylphthalate	14.11	163	122041	6.91	ng/ul#	96
50) Acenaphthene	14.73	153	37087	2.34	ng/ul	90
54) Dibenzofuran	15.06	168	27437	1.32	ng/ul#	86
59) Fluorene	15.71	166	45269	2.54	ng/ul#	97
70) Phenanthrene	17.45	178	349856	14.76	ng/ul	99
72) Anthracene	17.54	178	168640	6.98	ng/ul	96
75) Carbazole	17.81	167	78735	3.72	ng/ul#	89
76) Di-n-butylphthalate	18.37	149	94334	3.41	ng/ul#	94
77) Fluoranthene	19.46	202	590219	23.32	ng/ul	99
80) Pyrene	19.82	202	563258	21.50	ng/ul	98
81) Butylbenzylphthalate	20.71	149	63821	5.76	ng/ul	86
83) Benzo(a)anthracene	21.66	228	260662	10.85	ng/ul#	91
84) Bis(2-ethylhexyl)phthalate	21.58	149	663311	42.37	ng/ul#	97
85) Chrysene	21.73	228	271082	12.07	ng/ul	96
88) Benzo(b)fluoranthene	23.89	252	391719	15.49	ng/ul#	86
89) Benzo(k)fluoranthene	23.96	252	128631	5.28	ng/ul#	66
91) Benzo(a)pyrene	24.77	252	265648	11.05	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	28.61	276	174692	6.28	ng/ul#	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	29.77	276	161432m	6.91	ng/ul	

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

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