Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020459.D
Acq On : 24 Dec 2015 1:23
Operator : UM/SJ
Sample : G4866-12DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43M4DL

Manual Integrations APPROVED
Sohil
12/24/2015 5:31:36 PM

Quant Time: Dec 24 06:13:36 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	20801	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	91075	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	64309	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	153001	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	185812	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	178276	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	136	0.36	ng/uL	0.00
5) Phenol-d5	7.24	99	5714	3.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	4340	3.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	5428	4.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	1010	0.64	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	2842m	4.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	3114	3.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	5350	3.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	1255	0.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	24051	4.62	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	28026	4.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	1100m	1.18	ng/ul	0.00
58) Fluorene-d10	15.71	176	22438	4.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	1852	2.04	ng/ul	0.00
71) Anthracene-d10	17.56	188	33714	4.78	ng/ul	0.00
79) Pyrene-d10	19.84	212	39379	4.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	43012	4.84	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.95	128	8158	1.72	ng/ul	96
50) Acenaphthene	14.78	153	19951	4.61	ng/ul	98
54) Dibenzofuran	15.11	168	12897	2.00	ng/ul	94
59) Fluorene	15.76	166	19414	3.76	ng/ul	98
70) Phenanthrene	17.50	178	328436	39.24	ng/ul	99
72) Anthracene	17.60	178	62567	7.37	ng/ul	98
75) Carbazole	17.86	167	35404	4.96	ng/ul	99
77) Fluoranthene	19.51	202	637638	65.19	ng/ul	99
80) Pyrene	19.87	202	538469	47.88	ng/ul	100
83) Benzo(a)anthracene	21.72	228	287420	26.51	ng/ul	98
85) Chrysene	21.79	228	292562	28.65	ng/ul	98
88) Benzo(b)fluoranthene	23.97	252	403984	37.65	ng/ul	95
89) Benzo(k)fluoranthene	24.03	252	128733	12.50	ng/ul	99
91) Benzo(a)pyrene	24.85	252	280080m	27.54	ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.74	276	201685	16.65	ng/ul	97
93) Dibenzo(a,h)anthracene	28.78	278	48474m	4.82	ng/ul	
94) Benzo(g,h,i)perylene	29.91	276	182010	18.33	ng/ul	98

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

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