Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020415.D
Acq On : 22 Dec 2015 18:54
Operator : UM/SJ
Sample : G4849-08ME
Misc : med level RX
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N72ME

Manual Integrations APPROVED
Sohil
12/24/2015 5:34:18 PM

Quant Time: Dec 23 06:22:26 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 04:11:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	17192	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	76453	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	55634	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	139502m	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	178086	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	171721	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	897	2.88	ng/uL	0.00
5) Phenol-d5	7.24	99	27336	18.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	18963	20.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	22780	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	27528	21.23	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	14763	24.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	17861	26.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	31862	23.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	39696	26.31	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	141814	31.51	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	151825	29.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	18222	22.58	ng/ul	0.00
58) Fluorene-d10	15.71	176	121769	29.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	17829m	21.56	ng/ul	0.00
71) Anthracene-d10	17.56	188	200267	31.16	ng/ul	0.00
79) Pyrene-d10	19.84	212	240879	29.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	278633	32.53	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.95	128	289992	72.63	ng/ul	98
34) 2-Methylnaphthalene	12.55	142	124095	40.69	ng/ul	96
41) 1,1'-Biphenyl	13.55	154	60204	14.34	ng/ul	95
45) Dimethylphthalate	14.16	163	25098	5.46	ng/ul	99
50) Acenaphthene	14.78	153	233656	62.43	ng/ul	99
54) Dibenzofuran	15.12	168	273756	49.17	ng/ul	99
59) Fluorene	15.76	166	213989	47.86	ng/ul	100
70) Phenanthrene	17.51	178	1235959m	161.98	ng/ul	
72) Anthracene	17.60	178	89221	11.53	ng/ul	98
75) Carbazole	17.87	167	31487	4.84	ng/ul	97
77) Fluoranthene	19.51	202	820559	92.01	ng/ul	99
80) Pyrene	19.88	202	570264	52.91	ng/ul	98
83) Benzo(a)anthracene	21.72	228	138854	13.36	ng/ul	98
85) Chrysene	21.78	228	110405	11.28	ng/ul	98
88) Benzo(b)fluoranthene	23.95	252	71897	6.96	ng/ul	96
89) Benzo(k)fluoranthene	24.02	252	18657m	1.88	ng/ul	
91) Benzo(a)pyrene	24.85	252	39476	4.03	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.73	276	12417m	1.06	ng/ul	
94) Benzo(g,h,i)perylene	29.88	276	9834m	1.03	ng/ul	

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

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