Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020541.D
Acq On : 26 Dec 2015 15:29
Operator : UM/SJ
Sample : G4802-20
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D95

Manual Integrations APPROVED
Sohil
12/28/2015 6:07:12 PM

Quant Time: Dec 28 07:20:43 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 06:13:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	20004	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	84417	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	59210	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	141887	20.00	ng/ul	0.01
78) Chrysene-d12	21.74	240	176103	20.00	ng/ul	0.01
86) Perylene-d12	25.02	264	172854	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	1587	4.38	ng/uL	0.00
5) Phenol-d5	7.23	99	38118	23.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	25732	27.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	32026	26.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	17021	12.60	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	18428	27.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	21303	28.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	36290	24.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	28765	17.29	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	120234	24.64	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	157176	27.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	15194	18.67	ng/ul	0.00
58) Fluorene-d10	15.70	176	121315	27.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	17108	18.19	ng/ul	0.02
71) Anthracene-d10	17.56	188	188098	28.30	ng/ul	0.01
79) Pyrene-d10	19.85	212	222602	29.20	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.79	264	255832	29.28	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.95	128	97415	21.71	ng/ul	98
41) 1,1'-Biphenyl	13.54	154	19775	4.33	ng/ul	97
45) Dimethylphthalate	14.16	163	25787	5.20	ng/ul#	95
48) Acenaphthylene	14.44	152	61804	10.40	ng/ul#	95
50) Acenaphthene	14.78	153	82310	20.49	ng/ul	100
59) Fluorene	15.76	166	105333	21.74	ng/ul	98
70) Phenanthrene	17.51	178	565073	71.58	ng/ul	98
72) Anthracene	17.60	178	213211	26.41	ng/ul	99
77) Fluoranthene	19.52	202	674297	67.92	ng/ul	98
80) Pyrene	19.88	202	1165743	117.06	ng/ul	98
83) Benzo(a)anthracene	21.72	228	506214	48.95	ng/ul	91
85) Chrysene	21.79	228	480872	48.81	ng/ul	96
88) Benzo(b)fluoranthene	23.98	252	342510	33.01	ng/ul	97
89) Benzo(k)fluoranthene	24.03	252	84707m	8.45	ng/ul	
91) Benzo(a)pyrene	24.86	252	378093	37.92	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.75	276	155487	13.02	ng/ul	96
93) Dibenzo(a,h)anthracene	28.80	278	54212	5.47	ng/ul#	91
94) Benzo(g,h,i)perylene	29.93	276	168588	17.19	ng/ul	97

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

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