Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121615\
Data File : BG020197.D
Acq On : 15 Dec 2015 20:02
Operator : UM/SJ
Sample : G4786-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4

Manual Integrations APPROVED
MMdadoda
12/16/2015 5:45:22 PM

Quant Time: Dec 16 03:28:07 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 16 02:38:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	23611	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	100637	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.73	164	70644	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	157115	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	182716	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	175156	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	654	1.53	ng/uL	0.00
5) Phenol-d5	7.25	99	17023	8.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	42784	34.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	44085	29.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	33311	18.71	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	37417	47.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	34415	39.42	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.54	165	59527	33.67	ng/ul	0.01
29) 4-Chloroaniline-d4	11.06	131	10121m	5.10	ng/ul	0.01
44) Dimethylphthalate-d6	14.13	166	212315	37.16	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	253093	38.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	10057	9.81	ng/ul	0.00
58) Fluorene-d10	15.72	176	189320	36.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	39704	42.63	ng/ul	0.00
71) Anthracene-d10	17.57	188	293696	40.57	ng/ul	0.00
79) Pyrene-d10	19.85	212	325031	38.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	317201	36.31	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.27	94	3926	1.76	ng/ul	89
14) Acetophenone	8.91	105	23318	8.36	ng/ul#	59
28) Naphthalene	11.07	128	9992991	1901.46	ng/ul#	35
34) 2-Methylnaphthalene	12.58	142	1311948	326.82	ng/ul	97
35) 1-Methylnaphthalene	12.81	142	2209987	572.64	ng/ul#	94
41) 1,1'-Biphenyl	13.57	154	287833	54.01	ng/ul	96
48) Acenaphthylene	14.46	152	68639	9.72	ng/ul#	78
50) Acenaphthene	14.80	153	802630	168.90	ng/ul	97
54) Dibenzofuran	15.13	168	83775	11.85	ng/ul	97
59) Fluorene	15.78	166	301063	53.03	ng/ul	99
70) Phenanthrene	17.52	178	782906	91.10	ng/ul	98
72) Anthracene	17.61	178	167465	19.21	ng/ul	99
75) Carbazole	17.88	167	149971	20.48	ng/ul	98
77) Fluoranthene	19.52	202	149755m	14.91	ng/ul	
80) Pyrene	19.88	202	213987	19.35	ng/ul	98
83) Benzo(a)anthracene	21.72	228	72414m	6.79	ng/ul	
85) Chrysene	21.79	228	60909	6.07	ng/ul	97
88) Benzo(b)fluoranthene	23.97	252	32855	3.12	ng/ul	97
91) Benzo(a)pyrene	24.86	252	43331m	4.34	ng/ul	

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

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