Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025165.D
Acq On : 14 Dec 2016 4:01
Operator : UM/SJ
Sample : H5990-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BACKGROUND05-0106-03

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12/14/2016 6:17:24 PM

Quant Time: Dec 14 05:42:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 03:19:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	101302	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	467961	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	369762	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	701215	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	794867	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	831839	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	6493	3.31	ng/uL	0.00
5) Phenol-d5	7.39	99	173245	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	110077	20.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	121278	19.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	138225	18.93	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	67948	20.50	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	85353	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	157013	19.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	91143	11.67	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	531165	20.88	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	619787	22.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	75488	17.27	ng/ul	0.00
57) Fluorene-d10	15.85	176	478386	19.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	69174	15.95	ng/ul	0.00
70) Anthracene-d10	17.71	188	674330	22.78	ng/ul	0.00
76) Pyrene-d10	19.98	212	760530	23.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	793912	23.55	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.42	94	36837	4.11	ng/ul#	88
44) Dimethylphthalate	14.30	163	105173	4.21	ng/ul#	94
49) Acenaphthene	14.93	153	40393	2.18	ng/ul	90
53) Dibenzofuran	15.26	168	38439	1.31	ng/ul#	83
58) Fluorene	15.90	166	48616	2.03	ng/ul#	99
69) Phenanthrene	17.65	178	1275505	38.11	ng/ul	99
71) Anthracene	17.74	178	124925	3.63	ng/ul	96
72) Carbazole	18.01	167	111058	3.87	ng/ul	99
74) Fluoranthene	19.65	202	2472976	62.18	ng/ul#	96
77) Pyrene	20.01	202	2036925	53.31	ng/ul	98
80) Benzo(a)anthracene	21.88	228	1051961	25.47	ng/ul	98
82) Chrysene	21.96	228	1424207	36.87	ng/ul	96
85) Benzo(b)fluoranthene	24.24	252	1852233	44.90	ng/ul#	98
86) Benzo(k)fluoranthene	24.31	252	663703m	16.93	ng/ul	
88) Benzo(a)pyrene	25.18	252	1134318	28.60	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.28	276	947200m	19.22	ng/ul	
90) Dibenzo(a,h)anthracene	29.31	278	256320m	6.17	ng/ul	
91) Benzo(g,h,i)perylene	30.53	276	863405m	20.99	ng/ul	

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

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