Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032587.D
Acq On : 7 Feb 2018 6:49
Operator : SJ/JU
Sample : J1455-07
Misc : MDL-W-8 ppm
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-B

Quant Time: Feb 07 07:39:50 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	20015	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	86972	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	60309	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	155682	20.00	ng	0.00
75) Chrysene-d12	22.40	240	196651	20.00	ng	0.00
86) Perylene-d12	26.07	264	234589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	43984	44.14	ng	0.00
7) Phenol-d6	7.82	99	32753	24.63	ng	0.00
23) Nitrobenzene-d5	9.90	82	96445	69.26	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	144922	126.24	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	379084	74.71	ng	0.00
78) Terphenyl-d14	20.61	244	737153	80.30	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.94	88	100	0.298	ng	# 11
4) n-Nitrosodimethylamine	4.10	42	55	0.117	ng	# 1
10) Phenol	8.22	94	96	0.076	ng	# 1
15) Benzyl Alcohol	9.04	79	1708	1.559	ng	# 52
18) Hexachloroethane	9.83	117	361	0.673	ng	# 18
22) Acetophenone	9.56	105	68	0.033	ng	# 50
24) Nitrobenzene	9.99	77	71	0.053	ng	# 42
25) Isophorone	10.57	82	192	0.081	ng	# 69
28) bis(2-Chloroethoxy)methane	10.60	93	56	0.043	ng	# 51
31) Naphthalene	11.62	128	185	0.044	ng	# 68
33) 4-Chloroaniline	11.70	127	58	0.031	ng	# 46
36) 4-Chloro-3-methylphenol	12.81	107	57	0.039	ng	# 22
37) 2-Methylnaphthalene	13.09	142	72	0.020	ng	# 17
39) 1,2,4,5-Tetrachlorobenzene	13.31	216	80	0.028	ng	# 25
45) 1,1'-Biphenyl	14.17	154	809	0.159	ng	# 43
46) 2-Chloronaphthalene	14.52	162	138	0.035	ng	# 20
47) 2-Nitroaniline	14.45	65	70	0.079	ng	# 9
48) Acenaphthylene	14.89	152	68	0.011	ng	# 59
49) Dimethylphthalate	14.77	163	984	0.177	ng	# 34
51) Acenaphthene	15.40	154	494	0.118	ng	# 58
52) 3-Nitroaniline	15.26	138	55	0.054	ng	# 1
54) Dibenzofuran	15.74	168	283	0.046	ng	# 46
55) 4-Nitrophenol	15.56	139	54	0.071	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	260	0.156	ng	# 66
57) Fluorene	16.38	166	427	0.083	ng	# 50
59) Diethylphthalate	16.10	149	590	0.109	ng	# 1
60) 4-Chlorophenyl-phenylether	16.29	204	66	0.020	ng	# 18
61) 4-Nitroaniline	16.41	138	57	0.052	ng	# 12
62) Azobenzene	16.63	77	790	0.244	ng	# 50
64) 4,6-Dinitro-2-methylphenol	16.50	198	60	0.052	ng	# 1
65) n-Nitrosodiphenylamine	16.82	169	4034	0.868	ng	# 52
68) Atrazine	17.41	200	56	0.028	ng	# 35
69) Pentachlorophenol	17.51	266	56	0.035	ng	# 19
70) Phenanthrene	18.12	178	120	0.014	ng	# 60

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) Anthracene	18.21	178	55	0.006	ng	#	1
72) Carbazole	18.48	167	418	0.055	ng	#	6
73) Di-n-butylphthalate	18.98	149	1260	0.149	ng	#	54
74) Fluoranthene	20.10	202	128	0.011	ng		65
77) Pyrene	20.50	202	228	0.019	ng	#	31
79) Butylbenzylphthalate	21.29	149	208	0.055	ng	#	36
80) Benzo(a)anthracene	22.39	228	189	0.016	ng	#	50
81) 3,3'-Dichlorobenzidine	22.15	252	56	0.012	ng	#	26
82) Chrysene	22.41	228	267	0.023	ng	#	49
83) Bis(2-ethylhexyl)phthalate	22.22	149	407	0.075	ng	#	50
84) Di-n-octyl phthalate	23.59	149	144	0.017	ng	#	1
89) Benzo(a)pyrene	26.05	252	250	0.019	ng	#	59

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

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