Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032590.D
Acq On : 7 Feb 2018 8:41
Operator : SJ/JU
Sample : J1458-02
Misc : MDL-W-8 ppm
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02

Quant Time: Feb 07 10:09:36 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	8.71	152	16088	20.00	ng		0.00
21) Naphthalene-d8	11.58	136	76666	20.00	ng		0.00
38) Acenaphthene-d10	15.34	164	55126	20.00	ng		0.00
63) Phenanthrene-d10	18.07	188	146111	20.00	ng		0.00
75) Chrysene-d12	22.40	240	192753	20.00	ng		0.00
86) Perylene-d12	26.07	264	207898	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	109719	136.98	ng		0.00
7) Phenol-d6	7.82	99	143569	134.32	ng		0.00
23) Nitrobenzene-d5	9.90	82	106020	86.38	ng		0.00
41) 2,4,6-Tribromophenol	16.82	330	151428	144.31	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	346090	74.62	ng		0.00
78) Terphenyl-d14	20.61	244	683922	76.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	74	0.275	ng	#	81
4) n-Nitrosodimethylamine	4.10	42	61	0.161	ng	#	1
6) Aniline	8.22	93	56	0.042	ng	#	1
9) Benzaldehyde	7.84	77	59	0.107	ng	#	5
10) Phenol	7.86	94	2588	2.550	ng	#	55
11) bis(2-Chloroethyl)ether	8.22	93	56	0.072	ng	#	1
24) Nitrobenzene	9.96	77	55	0.046	ng	#	42
25) Isophorone	10.31	82	292	0.140	ng	#	69
40) Hexachlorocyclopentadiene	13.11	237	74	0.046	ng	#	22
45) 1,1'-Biphenyl	14.19	154	542	0.116	ng		83
47) 2-Nitroaniline	14.76	65	107	0.133	ng	#	1
49) Dimethylphthalate	14.76	163	34473	6.782	ng	#	96
50) 2,6-Dinitrotoluene	14.76	165	286	0.268	ng	#	14
51) Acenaphthene	15.34	154	57	0.015	ng	#	5
52) 3-Nitroaniline	15.23	138	55	0.059	ng	#	1
55) 4-Nitrophenol	15.52	139	60	0.086	ng	#	1
57) Fluorene	16.81	166	3547	0.754	ng	#	88
59) Diethylphthalate	16.11	149	2112	0.427	ng	#	97
62) Azobenzene	16.63	77	58	0.020	ng	#	48
64) 4,6-Dinitro-2-methylphenol	16.81	198	336	0.308	ng	#	40
65) n-Nitrosodiphenylamine	16.81	169	3967	0.910	ng	#	41
70) Phenanthrene	18.12	178	69	0.008	ng	#	60
71) Anthracene	18.12	178	69	0.009	ng	#	59
72) Carbazole	18.54	167	56	0.008	ng	#	59
73) Di-n-butylphthalate	18.97	149	350	0.044	ng	#	78
74) Fluoranthene	20.09	202	84	0.008	ng		65
77) Pyrene	20.61	202	2470	0.209	ng	#	75
79) Butylbenzylphthalate	21.30	149	59	0.016	ng	#	20
80) Benzo(a)anthracene	22.40	228	344	0.029	ng	#	19
81) 3,3'-Dichlorobenzidine	21.93	252	123	0.027	ng	#	1
82) Chrysene	22.40	228	344	0.030	ng	#	17
83) Bis(2-ethylhexyl)phthalate	22.22	149	875	0.165	ng	#	50
84) Di-n-octyl phthalate	23.60	149	102	0.012	ng	#	1
87) Benzo(b)fluoranthene	25.02	252	65	0.005	ng	#	59

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
88) Benzo(k)fluoranthene	25.02	252	65	0.005	ng	#	60
89) Benzo(a)pyrene	25.94	252	65	0.005	ng	#	59
91) Benzo(g,h,i)perylene	31.71	276	62	0.005	ng	#	56

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

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