Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032865.D
Acq On : 27 Feb 2018 21:41
Operator : SJ/JU
Sample : PB106879BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 28 03:24:12 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB106879BSD

Manual Integrations APPROVED
Sohil
2/28/2018 1:01:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	72709	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	320478	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	183487	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	404273	20.00	ng		0.00
75) Chrysene-d12	22.62	240	369594	20.00	ng		-0.01
86) Perylene-d12	26.42	264	395951	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	648512	142.70	ng		0.00
7) Phenol-d6	8.02	99	849792	134.15	ng		0.00
23) Nitrobenzene-d5	10.12	82	481191	101.96	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	280436	145.36	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	1072090	84.27	ng		0.00
78) Terphenyl-d14	20.78	244	1480817	90.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	66903	33.920	ng		88
3) Pyridine	4.42	79	192197	35.354	ng		95
4) n-Nitrosodimethylamine	4.33	42	92776	42.566	ng	#	92
6) Aniline	8.21	93	127757	14.899	ng		95
8) 2-Chlorophenol	8.46	128	209139	42.043	ng		92
9) Benzaldehyde	8.02	77	85288	23.360	ng		90
10) Phenol	8.05	94	262429	41.096	ng		91
11) bis(2-Chloroethyl)ether	8.30	93	185421	35.510	ng		95
12) 1,3-Dichlorobenzene	8.80	146	205893	35.338	ng		97
13) 1,4-Dichlorobenzene	8.96	146	208166	35.494	ng		96
14) 1,2-Dichlorobenzene	9.29	146	196022	34.879	ng		95
15) Benzyl Alcohol	9.15	79	173934	37.349	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.44	45	303890	33.854	ng		95
17) 2-Methylphenol	9.35	107	177975	37.796	ng		94
18) Hexachloroethane	10.05	117	76231	38.176	ng	#	84
19) n-Nitroso-di-n-propylamine	9.73	70	151664	33.913	ng	#	97
20) 3+4-Methylphenols	9.68	107	247969	37.873	ng		94
22) Acetophenone	9.76	105	285416	35.264	ng	#	95
24) Nitrobenzene	10.16	77	210961	42.171	ng	#	91
25) Isophorone	10.69	82	418131	37.172	ng		94
26) 2-Nitrophenol	10.89	139	104735	55.095	ng		88
27) 2,4-Dimethylphenol	10.92	122	222997	45.635	ng		91
28) bis(2-Chloroethoxy)methane	11.17	93	260411	39.739	ng	#	94
29) 2,4-Dichlorophenol	11.43	162	193592	43.651	ng		94
30) 1,2,4-Trichlorobenzene	11.66	180	184276	35.446	ng		98
31) Naphthalene	11.86	128	613138	36.614	ng		99
32) Benzoic acid	11.01	122	115879	40.934	ng	#	83
33) 4-Chloroaniline	11.94	127	116550	15.566	ng		94
34) Hexachlorobutadiene	12.12	225	96358	33.044	ng		99
35) Caprolactam	12.69	113	77436	43.606	ng	#	81
36) 4-Chloro-3-methylphenol	13.00	107	223861	43.375	ng		89
37) 2-Methylnaphthalene	13.40	142	451351	37.254	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	188413	34.591	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	232264	83.671	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	145795	42.444	ng		94
43) 2,4,5-Trichlorophenol	14.05	196	161538	40.632	ng	#	93
45) 1,1'-Biphenyl	14.38	154	567293	35.381	ng		95
46) 2-Chloronaphthalene	14.43	162	431301	36.010	ng		99
47) 2-Nitroaniline	14.61	65	144353	47.833	ng		89
48) Acenaphthylene	15.27	152	698594	35.625	ng		99
49) Dimethylphthalate	14.96	163	561639	36.049	ng		99
50) 2,6-Dinitrotoluene	15.09	165	122930	47.732	ng		88
51) Acenaphthene	15.60	154	452842	37.080	ng		98
52) 3-Nitroaniline	15.41	138	83179	29.519	ng	#	82
53) 2,4-Dinitrophenol	15.62	184	57432	73.034	ng	#	38
54) Dibenzofuran	15.93	168	653250	37.567	ng		96
55) 4-Nitrophenol	15.69	139	212518	83.007	ng	#	80
56) 2,4-Dinitrotoluene	15.87	165	170181	54.511	ng	#	84
57) Fluorene	16.57	166	528613	36.831	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.14	232	136412m	44.194	ng		
59) Diethylphthalate	16.30	149	593423	36.113	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	259215	36.920	ng		93
61) 4-Nitroaniline	16.57	138	130921	39.831	ng		80
62) Azobenzene	16.84	77	540711	36.781	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	60302	50.283	ng		98
65) n-Nitrosodiphenylamine	16.75	169	487881	37.097	ng		99
66) 4-Bromophenyl-phenylether	17.44	248	154519	36.147	ng	#	88
67) Hexachlorobenzene	17.56	284	161089	34.871	ng	#	90
68) Atrazine	17.67	200	166801	38.531	ng		95
69) Pentachlorophenol	17.90	266	208275	71.578	ng		98
70) Phenanthrene	18.31	178	834378	36.994	ng		98
71) Anthracene	18.40	178	850715	37.570	ng		99
72) Carbazole	18.65	167	795906	35.661	ng		97
73) Di-n-butylphthalate	19.15	149	996640	36.399	ng		99
74) Fluoranthene	20.25	202	925158	37.134	ng		94
76) Benzidine	20.41	184	221807	17.606	ng		98
77) Pyrene	20.61	202	925107	35.494	ng		96
79) Butylbenzylphthalate	21.48	149	465353	40.270	ng		91
80) Benzo(a)anthracene	22.60	228	896583	37.830	ng		99
81) 3,3'-Dichlorobenzidine	22.48	252	169578	19.319	ng	#	96
82) Chrysene	22.67	228	839576	37.084	ng		97
83) Bis(2-ethylhexyl)phthalate	22.44	149	665469	38.904	ng		98
84) Di-n-octyl phthalate	23.86	149	1142787	43.831	ng		98
85) Indeno(1,2,3-cd)pyrene	30.86	276	1023439	38.762	ng		98
87) Benzo(b)fluoranthene	25.21	252	884087	37.763	ng	#	97
88) Benzo(k)fluoranthene	25.29	252	893582	38.405	ng	#	95
89) Benzo(a)pyrene	26.25	252	871047	39.118	ng	#	95
90) Dibenzo(a,h)anthracene	30.94	278	863573	38.529	ng	#	94
91) Benzo(g,h,i)perylene	32.25	276	849828	38.463	ng	#	90

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

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