Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032857.D
Acq On : 27 Feb 2018 16:40
Operator : SJ/JU
Sample : PB106878BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 28 03:00:50 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 :
PB106878BSD

Manual Integrations APPROVED
Sohil
2/28/2018 1:01:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	67398	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	303901	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	183224	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	413647	20.00	ng		0.00
75) Chrysene-d12	22.63	240	378216	20.00	ng		0.00
86) Perylene-d12	26.43	264	410605	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	402407	95.52	ng		0.00
7) Phenol-d6	8.02	99	541815	92.27	ng		0.00
23) Nitrobenzene-d5	10.12	82	438501	98.37	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	190145	98.70	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	1026436	80.80	ng		0.00
78) Terphenyl-d14	20.78	244	1411769	83.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	66718	36.491	ng		87
3) Pyridine	4.42	79	194487	38.594	ng		93
4) n-Nitrosodimethylamine	4.33	42	92349	45.709	ng	#	92
6) Aniline	8.21	93	143661	18.074	ng		96
8) 2-Chlorophenol	8.46	128	215028	46.633	ng		93
9) Benzaldehyde	8.02	77	87624	25.891	ng		94
10) Phenol	8.05	94	278421	47.036	ng		90
11) bis(2-Chloroethyl)ether	8.30	93	188712	38.988	ng		93
12) 1,3-Dichlorobenzene	8.81	146	208892	38.678	ng		97
13) 1,4-Dichlorobenzene	8.96	146	211493	38.903	ng		93
14) 1,2-Dichlorobenzene	9.29	146	203040	38.975	ng		99
15) Benzyl Alcohol	9.15	79	183901	42.601	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.45	45	306250	36.805	ng		96
17) 2-Methylphenol	9.35	107	186303	42.682	ng		94
18) Hexachloroethane	10.05	117	75810	40.957	ng	#	86
19) n-Nitroso-di-n-propylamine	9.73	70	156662	37.791	ng	#	96
20) 3+4-Methylphenols	9.68	107	260835	42.978	ng		93
22) Acetophenone	9.77	105	295973	38.563	ng	#	93
24) Nitrobenzene	10.17	77	220746	45.874	ng		90
25) Isophorone	10.69	82	436822	40.952	ng	#	94
26) 2-Nitrophenol	10.89	139	107865	58.438	ng		90
27) 2,4-Dimethylphenol	10.92	122	236635	51.068	ng		88
28) bis(2-Chloroethoxy)methane	11.17	93	271093	43.626	ng	#	95
29) 2,4-Dichlorophenol	11.43	162	207420	49.320	ng		93
30) 1,2,4-Trichlorobenzene	11.66	180	188062	38.148	ng		98
31) Naphthalene	11.86	128	633776	39.910	ng		99
32) Benzoic acid	11.01	122	119827	43.445	ng	#	82
33) 4-Chloroaniline	11.95	127	135707	19.113	ng		96
34) Hexachlorobutadiene	12.12	225	98570	35.646	ng		97
35) Caprolactam	12.70	113	87975	52.243	ng	#	82
36) 4-Chloro-3-methylphenol	13.00	107	249322	50.944	ng		90
37) 2-Methylnaphthalene	13.41	142	477787	41.587	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	200960	36.948	ng	#	97
40) Hexachlorocyclopentadiene	13.74	237	244968	88.374	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	162146	47.272	ng		99
43) 2,4,5-Trichlorophenol	14.05	196	180480	45.462	ng		95
45) 1,1'-Biphenyl	14.38	154	611667	38.203	ng		95
46) 2-Chloronaphthalene	14.44	162	466634	39.016	ng		96
47) 2-Nitroaniline	14.61	65	164441	53.183	ng		90
48) Acenaphthylene	15.27	152	774253	39.540	ng		99
49) Dimethylphthalate	14.97	163	631131	40.568	ng		99
50) 2,6-Dinitrotoluene	15.09	165	139630	53.071	ng		88
51) Acenaphthene	15.60	154	495737	40.651	ng		98
52) 3-Nitroaniline	15.42	138	96802	33.155	ng	#	81
53) 2,4-Dinitrophenol	15.62	184	53498	69.421	ng	#	1
54) Dibenzofuran	15.93	168	723061	41.641	ng		95
55) 4-Nitrophenol	15.69	139	243416	94.170	ng	#	79
56) 2,4-Dinitrotoluene	15.86	165	196691	60.780	ng	#	86
57) Fluorene	16.57	166	595432	41.546	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.14	232	156487m	50.771	ng		
59) Diethylphthalate	16.30	149	672369	40.976	ng		99
60) 4-Chlorophenyl-phenylether	16.55	204	293518	41.866	ng		94
61) 4-Nitroaniline	16.57	138	152172	45.493	ng		81
62) Azobenzene	16.84	77	610882	41.614	ng		98
64) 4,6-Dinitro-2-methylphenol	16.62	198	59958	49.287	ng		95
65) n-Nitrosodiphenylamine	16.76	169	557777	41.450	ng		98
66) 4-Bromophenyl-phenylether	17.44	248	177935	40.681	ng	#	87
67) Hexachlorobenzene	17.57	284	183396	38.800	ng	#	92
68) Atrazine	17.68	200	191667	43.272	ng		96
69) Pentachlorophenol	17.90	266	224971	75.564	ng		97
70) Phenanthrene	18.31	178	944337	40.920	ng		97
71) Anthracene	18.40	178	966073	41.698	ng		98
72) Carbazole	18.65	167	905884	39.668	ng		97
73) Di-n-butylphthalate	19.15	149	1121904	40.046	ng		98
74) Fluoranthene	20.26	202	1042013	40.876	ng		93
76) Benzidine	20.41	184	313398	24.309	ng		98
77) Pyrene	20.62	202	1052708	39.469	ng		97
79) Butylbenzylphthalate	21.48	149	529715	44.794	ng		92
80) Benzo(a)anthracene	22.60	228	1013616	41.793	ng		99
81) 3,3'-Dichlorobenzidine	22.48	252	213019	23.715	ng	#	96
82) Chrysene	22.68	228	950068	41.008	ng		98
83) Bis(2-ethylhexyl)phthalate	22.44	149	755466	43.158	ng		97
84) Di-n-octyl phthalate	23.86	149	1292787	48.453	ng		98
85) Indeno(1,2,3-cd)pyrene	30.87	276	1161381	42.984	ng		94
87) Benzo(b)fluoranthene	25.21	252	1014440	41.785	ng	#	97
88) Benzo(k)fluoranthene	25.29	252	1008658	41.804	ng	#	94
89) Benzo(a)pyrene	26.26	252	991519	42.939	ng	#	96
90) Dibenzo(a,h)anthracene	30.96	278	968453	41.666	ng	#	92
91) Benzo(g,h,i)perylene	32.26	276	964220	42.083	ng	#	91

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

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