Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
Data File : BG032933.D
Acq On : 2 Mar 2018 1:09
Operator : SJ/JU
Sample : PB106973BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB106973BS

Manual Integrations APPROVED
Sohil
3/2/2018 3:29:08 PM

Quant Time: Mar 02 10:46:49 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	49811	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	229548	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	139764	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	325066	20.00	ng		0.00
75) Chrysene-d12	22.62	240	297741	20.00	ng		0.00
86) Perylene-d12	26.43	264	316805	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	422852	135.81	ng		0.00
7) Phenol-d6	8.01	99	564846	130.16	ng		0.00
23) Nitrobenzene-d5	10.12	82	315584	94.19	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	197206	134.19	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	743470	76.72	ng		0.00
78) Terphenyl-d14	20.78	244	1110589	83.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	53926	39.909	ng		90
3) Pyridine	4.42	79	149105	40.036	ng		98
4) n-Nitrosodimethylamine	4.32	42	78908	52.846	ng	#	89
6) Aniline	8.21	93	97508	16.599	ng		95
8) 2-Chlorophenol	8.47	128	166702	48.917	ng		96
9) Benzaldehyde	8.01	77	61627	24.639	ng		96
10) Phenol	8.04	94	216784	49.554	ng		92
11) bis(2-Chloroethyl)ether	8.30	93	149988	41.929	ng		92
12) 1,3-Dichlorobenzene	8.81	146	162232	40.644	ng		97
13) 1,4-Dichlorobenzene	8.96	146	166697	41.490	ng		95
14) 1,2-Dichlorobenzene	9.29	146	156904	40.753	ng		97
15) Benzyl Alcohol	9.15	79	143494	44.977	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.45	45	259713	42.233	ng		99
17) 2-Methylphenol	9.35	107	147784	45.811	ng		95
18) Hexachloroethane	10.05	117	58995	43.126	ng	#	84
19) n-Nitroso-di-n-propylamine	9.73	70	122454	39.969	ng	#	93
20) 3+4-Methylphenols	9.68	107	203804	45.437	ng		95
22) Acetophenone	9.76	105	234237	40.405	ng	#	96
24) Nitrobenzene	10.16	77	172451	47.227	ng	#	91
25) Isophorone	10.69	82	342166	42.468	ng	#	92
26) 2-Nitrophenol	10.89	139	85019	60.235	ng		94
27) 2,4-Dimethylphenol	10.92	122	182253	52.071	ng		89
28) bis(2-Chloroethoxy)methane	11.16	93	211304	45.019	ng	#	96
29) 2,4-Dichlorophenol	11.43	162	161396	50.807	ng		94
30) 1,2,4-Trichlorobenzene	11.66	180	147817	39.697	ng		98
31) Naphthalene	11.86	128	502019	41.853	ng		98
32) Benzoic acid	10.97	122	48873m	28.485	ng		
33) 4-Chloroaniline	11.94	127	96337	17.963	ng		93
34) Hexachlorobutadiene	12.12	225	78251	37.464	ng		97
35) Caprolactam	12.69	113	65821	51.748	ng		86
36) 4-Chloro-3-methylphenol	13.00	107	194996	52.749	ng		91
37) 2-Methylnaphthalene	13.41	142	374206	43.122	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	156666	37.760	ng	#	96
40) Hexachlorocyclopentadiene	13.73	237	187924	88.876	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	125374	47.917	ng		98
43) 2,4,5-Trichlorophenol	14.05	196	141342	46.674	ng		98
45) 1,1'-Biphenyl	14.38	154	480103	39.310	ng		97
46) 2-Chloronaphthalene	14.43	162	366133	40.132	ng		98
47) 2-Nitroaniline	14.61	65	132177	55.512	ng		92
48) Acenaphthylene	15.27	152	610012	40.840	ng		99
49) Dimethylphthalate	14.96	163	502187	42.317	ng		100
50) 2,6-Dinitrotoluene	15.09	165	110802	54.851	ng		89
51) Acenaphthene	15.60	154	374129	40.219	ng		98
52) 3-Nitroaniline	15.41	138	76818	34.188	ng	#	84
53) 2,4-Dinitrophenol	15.61	184	9990	23.776	ng	#	1
54) Dibenzofuran	15.93	168	575860	43.476	ng		95
55) 4-Nitrophenol	15.69	139	160916	82.556	ng		85
56) 2,4-Dinitrotoluene	15.86	165	154672	62.172	ng	#	87
57) Fluorene	16.57	166	472279	43.200	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	121057m	51.489	ng		
59) Diethylphthalate	16.30	149	537401	42.934	ng		97
60) 4-Chlorophenyl-phenylether	16.54	204	231122	43.217	ng		92
61) 4-Nitroaniline	16.57	138	115649	45.345	ng		84
62) Azobenzene	16.84	77	489383	43.704	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	19580	26.553	ng		94
65) n-Nitrosodiphenylamine	16.75	169	442422	41.837	ng		99
66) 4-Bromophenyl-phenylether	17.44	248	138945	40.424	ng	#	88
67) Hexachlorobenzene	17.57	284	143795	38.712	ng	#	90
68) Atrazine	17.67	200	151174	43.430	ng		95
69) Pentachlorophenol	17.90	266	137514	58.775	ng		97
70) Phenanthrene	18.31	178	766895	42.287	ng		98
71) Anthracene	18.39	178	785431	43.139	ng		99
72) Carbazole	18.65	167	732930	40.841	ng		98
73) Di-n-butylphthalate	19.15	149	914206	41.524	ng		100
74) Fluoranthene	20.26	202	848399	42.350	ng		94
76) Benzidine	20.41	184	211018	20.792	ng		97
77) Pyrene	20.61	202	855081	40.724	ng		97
79) Butylbenzylphthalate	21.48	149	425378	45.694	ng		92
80) Benzo(a)anthracene	22.60	228	807000	42.267	ng		98
81) 3,3'-Dichlorobenzidine	22.48	252	152808	21.610	ng	#	98
82) Chrysene	22.68	228	762647	41.816	ng		98
83) Bis(2-ethylhexyl)phthalate	22.43	149	603157	43.771	ng	#	95
84) Di-n-octyl phthalate	23.85	149	1037947	49.417	ng		99
85) Indeno(1,2,3-cd)pyrene	30.86	276	892169	41.945	ng	#	91
87) Benzo(b)fluoranthene	25.21	252	800416	42.731	ng	#	96
88) Benzo(k)fluoranthene	25.28	252	796409	42.780	ng	#	96
89) Benzo(a)pyrene	26.25	252	779960	43.778	ng	#	95
90) Dibenzo(a,h)anthracene	30.95	278	730982	40.761	ng	#	93
91) Benzo(g,h,i)perylene	32.25	276	723659	40.935	ng	#	89

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

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