Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
Data File : BG033749.D
Acq On : 11 Apr 2018 17:31
Operator : SJ/JU
Sample : PB108149BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Manual Integrations APPROVED
Sohil
4/12/2018 2:35:34 PM

Quant Time: Apr 12 01:45:03 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32084	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	142951	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	104856	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	273850	20.00	ng		0.00
75) Chrysene-d12	22.55	240	303820	20.00	ng		0.00
86) Perylene-d12	26.31	264	298359	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	178288	104.20	ng		0.00
7) Phenol-d6	7.97	99	281236	95.66	ng		0.00
23) Nitrobenzene-d5	10.06	82	267080	85.84	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	127939	81.58	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	619505	85.29	ng		0.00
78) Terphenyl-d14	20.73	244	1155059	81.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.91	88	37739	43.432	ng		94
3) Pyridine	4.38	79	99682	41.499	ng		98
4) n-Nitrosodimethylamine	4.29	42	57595	58.428	ng	#	81
6) Aniline	8.15	93	82796	23.948	ng		97
8) 2-Chlorophenol	8.40	128	117403	60.019	ng		93
10) Phenol	7.99	94	176209	60.707	ng		87
11) bis(2-Chloroethyl)ether	8.24	93	116830	49.312	ng		99
12) 1,3-Dichlorobenzene	8.74	146	119117	46.578	ng		93
13) 1,4-Dichlorobenzene	8.89	146	122617	47.875	ng		96
14) 1,2-Dichlorobenzene	9.22	146	120833	48.339	ng		98
15) Benzyl Alcohol	9.09	79	128853	55.667	ng		87
16) 2,2'-oxybis(1-Chloropropan	9.38	45	206656	53.506	ng		88
17) 2-Methylphenol	9.29	107	105651	53.431	ng	#	92
18) Hexachloroethane	9.97	117	47383	47.934	ng		92
19) n-Nitroso-di-n-propylamine	9.66	70	106935	49.639	ng		98
20) 3+4-Methylphenols	9.63	107	151040	53.649	ng		94
22) Acetophenone	9.70	105	186600	47.646	ng	#	97
24) Nitrobenzene	10.10	77	163819	49.190	ng		92
25) Isophorone	10.61	82	308703	51.120	ng		99
26) 2-Nitrophenol	10.83	139	69176	54.864	ng	#	76
27) 2,4-Dimethylphenol	10.86	122	118616	64.759	ng		89
28) bis(2-Chloroethoxy)methane	11.10	93	160485	53.264	ng		97
29) 2,4-Dichlorophenol	11.37	162	131188	58.239	ng		92
30) 1,2,4-Trichlorobenzene	11.59	180	131426	44.907	ng		92
31) Naphthalene	11.79	128	367381	49.594	ng		97
32) Benzoic acid	11.00	122	45887	26.949	ng		95
33) 4-Chloroaniline	11.90	127	37829	11.398	ng		95
34) Hexachlorobutadiene	12.04	225	97904	44.237	ng		97
35) Caprolactam	12.63	113	46966	53.221	ng	#	82
36) 4-Chloro-3-methylphenol	12.95	107	161911	55.111	ng		96
37) 2-Methylnaphthalene	13.34	142	278985	48.522	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	178823	47.081	ng		99
40) Hexachlorocyclopentadiene	13.66	237	187013	83.991	ng		94
42) 2,4,6-Trichlorophenol	13.92	196	119820	54.297	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	14.01	196	138080	52.937	ng		94
45) 1,1'-Biphenyl	14.32	154	392179	48.683	ng		99
46) 2-Chloronaphthalene	14.38	162	302344	48.675	ng		98
47) 2-Nitroaniline	14.56	65	128259	55.129	ng		93
48) Acenaphthylene	15.20	152	503741	48.586	ng		99
49) Dimethylphthalate	14.90	163	441666	48.400	ng		99
50) 2,6-Dinitrotoluene	15.03	165	94529	50.662	ng		93
51) Acenaphthene	15.54	154	390200	58.381	ng		98
52) 3-Nitroaniline	15.37	138	58859	30.089	ng	#	92
53) 2,4-Dinitrophenol	15.57	184	117586	117.709	ng	#	77
54) Dibenzofuran	15.87	168	505080	51.159	ng		94
55) 4-Nitrophenol	15.66	139	164724	119.753	ng	#	87
56) 2,4-Dinitrotoluene	15.81	165	144886	52.738	ng		95
57) Fluorene	16.51	166	424737	50.499	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.08	232	136381	55.540	ng		91
59) Diethylphthalate	16.24	149	451838	50.992	ng		97
60) 4-Chlorophenyl-phenylether	16.48	204	232846	48.159	ng		97
61) 4-Nitroaniline	16.53	138	100410	50.688	ng	#	84
62) Azobenzene	16.78	77	452570	52.726	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	88028	53.733	ng		96
65) n-Nitrosodiphenylamine	16.70	169	398770	51.006	ng		94
66) 4-Bromophenyl-phenylether	17.38	248	161237	50.134	ng		93
67) Hexachlorobenzene	17.51	284	163751	48.245	ng		97
68) Atrazine	17.61	200	134495	42.454	ng		97
69) Pentachlorophenol	17.85	266	203645	87.416	ng		99
70) Phenanthrene	18.25	178	731551	51.293	ng		99
71) Anthracene	18.34	178	766668	53.091	ng		99
72) Carbazole	18.60	167	687478	53.724	ng		96
73) Di-n-butylphthalate	19.09	149	832111	55.867	ng		98
74) Fluoranthene	20.20	202	975597	55.277	ng		98
76) Benzidine	20.36	184	118198	14.346	ng		95
77) Pyrene	20.56	202	1007846	49.738	ng		99
79) Butylbenzylphthalate	21.41	149	390486	52.221	ng		95
80) Benzo(a)anthracene	22.53	228	965686	49.917	ng		98
81) 3,3'-Dichlorobenzidine	22.41	252	243502	35.371	ng		95
82) Chrysene	22.61	228	936399	50.003	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	539480	52.337	ng		98
84) Di-n-octyl phthalate	23.74	149	939209	59.510	ng		100
85) Indeno(1,2,3-cd)pyrene	30.68	276	1097784	54.219	ng	#	89
87) Benzo(b)fluoranthene	25.10	252	945273	54.838	ng	#	96
88) Benzo(k)fluoranthene	25.18	252	983355m	56.405	ng		
89) Benzo(a)pyrene	26.14	252	933689	56.403	ng	#	97
90) Dibenzo(a,h)anthracene	30.76	278	932416	59.797	ng		98
91) Benzo(g,h,i)perylene	32.07	276	912430	59.092	ng	#	95

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

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