Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033098.D
Acq On : 12 Mar 2018 20:35
Operator : SJ/JU
Sample : PB107243BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107243BS

Manual Integrations APPROVED
Sohil
3/13/2018 4:20:33 PM

Quant Time: Mar 13 04:14:06 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	39390	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	180138	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	109337	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	250334	20.00	ng		0.00
75) Chrysene-d12	22.60	240	240455	20.00	ng		0.00
86) Perylene-d12	26.40	264	262111	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	186507	75.75	ng		0.00
7) Phenol-d6	8.00	99	253755	73.94	ng		0.00
23) Nitrobenzene-d5	10.10	82	217362	83.88	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	95610	83.17	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	498436	65.75	ng		0.00
78) Terphenyl-d14	20.77	244	734586	68.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	31933	29.885	ng		94
3) Pyridine	4.42	79	91859	31.190	ng		95
4) n-Nitrosodimethylamine	4.32	42	52700	44.632	ng	#	80
6) Aniline	8.20	93	110728	23.836	ng		95
8) 2-Chlorophenol	8.45	128	103928	38.565	ng		93
9) Benzaldehyde	8.01	77	46003	23.258	ng		96
10) Phenol	8.03	94	135891	39.281	ng		98
11) bis(2-Chloroethyl)ether	8.29	93	90306	31.924	ng		99
12) 1,3-Dichlorobenzene	8.79	146	99919	31.656	ng		98
13) 1,4-Dichlorobenzene	8.95	146	101681	32.003	ng		97
14) 1,2-Dichlorobenzene	9.28	146	96267	31.618	ng		95
15) Benzyl Alcohol	9.14	79	90245	35.770	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.43	45	180151	37.045	ng		98
17) 2-Methylphenol	9.33	107	90131	35.331	ng		98
18) Hexachloroethane	10.04	117	36390	33.639	ng	#	86
19) n-Nitroso-di-n-propylamine	9.72	70	77251	31.885	ng		91
20) 3+4-Methylphenols	9.67	107	123463	34.808	ng		95
22) Acetophenone	9.75	105	143812	31.611	ng	#	98
24) Nitrobenzene	10.15	77	111301	39.974	ng		94
25) Isophorone	10.67	82	211537	33.457	ng		96
26) 2-Nitrophenol	10.88	139	51871	50.317	ng		97
27) 2,4-Dimethylphenol	10.91	122	109598	39.902	ng		92
28) bis(2-Chloroethoxy)methane	11.15	93	126304	34.290	ng		98
29) 2,4-Dichlorophenol	11.42	162	96678	38.782	ng		96
30) 1,2,4-Trichlorobenzene	11.64	180	90543	30.985	ng		97
31) Naphthalene	11.85	128	307278	32.644	ng		99
32) Benzoic acid	11.00	122	51033	34.615	ng		86
33) 4-Chloroaniline	11.93	127	104543	24.839	ng		96
34) Hexachlorobutadiene	12.11	225	52299	31.907	ng		98
35) Caprolactam	12.67	113	38172	38.242	ng		95
36) 4-Chloro-3-methylphenol	12.99	107	120542	41.552	ng		94
37) 2-Methylnaphthalene	13.39	142	230761	33.886	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	101167	31.170	ng	#	96
40) Hexachlorocyclopentadiene	13.72	237	119957	72.520	ng		92

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	76928	37.583	ng		95
43) 2,4,5-Trichlorophenol	14.04	196	84582	35.704	ng	#	97
45) 1,1'-Biphenyl	14.36	154	296043	30.985	ng		97
46) 2-Chloronaphthalene	14.42	162	224874	31.508	ng		95
47) 2-Nitroaniline	14.60	65	84066	46.971	ng		95
48) Acenaphthylene	15.26	152	374315	32.034	ng		99
49) Dimethylphthalate	14.94	163	299351	32.245	ng		98
50) 2,6-Dinitrotoluene	15.07	165	65494	43.619	ng		95
51) Acenaphthene	15.59	154	246907	33.929	ng		98
52) 3-Nitroaniline	15.41	138	61121	34.643	ng	#	93
53) 2,4-Dinitrophenol	15.60	184	38646	79.747	ng	#	1
54) Dibenzofuran	15.91	168	356367	34.392	ng		93
55) 4-Nitrophenol	15.68	139	97011	65.244	ng		89
56) 2,4-Dinitrotoluene	15.85	165	93376	51.262	ng	#	88
57) Fluorene	16.56	166	285331	33.363	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	72547m	39.443	ng		
59) Diethylphthalate	16.28	149	324831	33.173	ng		96
60) 4-Chlorophenyl-phenylether	16.53	204	141643	33.856	ng	#	89
61) 4-Nitroaniline	16.56	138	70231	36.386	ng		91
62) Azobenzene	16.82	77	302367	34.517	ng		95
64) 4,6-Dinitro-2-methylphenol	16.61	198	35399	48.442	ng		92
65) n-Nitrosodiphenylamine	16.74	169	264257	32.449	ng		100
66) 4-Bromophenyl-phenylether	17.42	248	87618	33.101	ng	#	87
67) Hexachlorobenzene	17.55	284	94246	32.947	ng	#	91
68) Atrazine	17.66	200	92559	34.529	ng		97
69) Pentachlorophenol	17.89	266	113871	63.199	ng		98
70) Phenanthrene	18.29	178	467293	33.459	ng		99
71) Anthracene	18.39	178	482062	34.381	ng		99
72) Carbazole	18.64	167	441199	31.924	ng		98
73) Di-n-butylphthalate	19.13	149	556367	32.815	ng		99
74) Fluoranthene	20.24	202	532596	34.523	ng		95
76) Benzidine	20.40	184	213250	26.018	ng		98
77) Pyrene	20.60	202	541104	31.910	ng		98
79) Butylbenzylphthalate	21.46	149	259586	34.528	ng		93
80) Benzo(a)anthracene	22.58	228	519658	33.702	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	136522	23.906	ng	#	98
82) Chrysene	22.66	228	491651	33.379	ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	369099	33.167	ng		96
84) Di-n-octyl phthalate	23.82	149	634906	37.429	ng		98
85) Indeno(1,2,3-cd)pyrene	30.81	276	511184	29.759	ng	#	88
87) Benzo(b)fluoranthene	25.18	252	512397	33.063	ng		99
88) Benzo(k)fluoranthene	25.26	252	516532	33.536	ng	#	98
89) Benzo(a)pyrene	26.22	252	500504	33.954	ng	#	95
90) Dibenzo(a,h)anthracene	30.89	278	398838	26.881	ng	#	97
91) Benzo(g,h,i)perylene	32.20	276	441964	30.217	ng		97

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

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