Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032710.D
Acq On : 15 Feb 2018 10:54
Operator : SJ/JU
Sample : PB106551BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB106551BS

Manual Integrations APPROVED
Sohil
2/15/2018 1:24:11 PM

Quant Time: Feb 15 12:35:11 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.65	152	26150	20.00	ng		-0.02
21) Naphthalene-d8	11.53	136	85019	20.00	ng		-0.02
38) Acenaphthene-d10	15.30	164	61202	20.00	ng		-0.01
63) Phenanthrene-d10	18.03	188	159048	20.00	ng		-0.02
75) Chrysene-d12	22.36	240	265142	20.00	ng		-0.02
86) Perylene-d12	25.99	264	302798	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.10	112	169557	130.09	ng		0.00
7) Phenol-d6	7.78	99	201941	113.31	ng		-0.01
23) Nitrobenzene-d5	9.86	82	125008	93.45	ng		-0.02
41) 2,4,6-Tribromophenol	16.77	330	159094	168.82	ng		-0.02
44) 2-Fluorobiphenyl	13.92	172	482210	98.53	ng		-0.01
78) Terphenyl-d14	20.58	244	1042482	89.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	16037	29.413	ng	#	75
3) Pyridine	4.22	79	40390	28.881	ng		90
4) n-Nitrosodimethylamine	4.14	42	24399	37.129	ng	#	73
6) Aniline	7.96	93	20576	9.768	ng		92
8) 2-Chlorophenol	8.21	128	64032	42.723	ng	#	81
9) Benzaldehyde	7.77	77	10711m	10.169	ng		
10) Phenol	7.81	94	68162	39.325	ng		88
11) bis(2-Chloroethyl)ether	8.05	93	44605	32.099	ng	#	77
12) 1,3-Dichlorobenzene	8.54	146	75187	35.569	ng		95
13) 1,4-Dichlorobenzene	8.69	146	77507	37.114	ng		91
14) 1,2-Dichlorobenzene	9.02	146	79557	37.771	ng		97
15) Benzyl Alcohol	8.89	79	50894	38.100	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	9.19	45	38221	25.557	ng		70
17) 2-Methylphenol	9.10	107	47121	38.387	ng		98
18) Hexachloroethane	9.77	117	28449	37.309	ng	#	76
19) n-Nitroso-di-n-propylamine	9.47	70	39945	33.339	ng	#	91
20) 3+4-Methylphenols	9.44	107	67794	36.541	ng		90
22) Acetophenone	9.50	105	81543	45.097	ng	#	93
24) Nitrobenzene	9.90	77	61840	44.152	ng	#	81
25) Isophorone	10.42	82	107371	42.098	ng	#	85
26) 2-Nitrophenol	10.62	139	34464	46.006	ng	#	89
27) 2,4-Dimethylphenol	10.66	122	56931	57.845	ng	#	92
28) bis(2-Chloroethoxy)methane	10.90	93	60829	46.655	ng	#	94
29) 2,4-Dichlorophenol	11.17	162	80803	56.094	ng		94
30) 1,2,4-Trichlorobenzene	11.39	180	96972	48.018	ng		98
31) Naphthalene	11.59	128	171863	41.631	ng		99
32) Benzoic acid	10.83	122	17437m	24.474	ng		
33) 4-Chloroaniline	11.70	127	17041	10.403	ng	#	90
34) Hexachlorobutadiene	11.86	225	68397	41.326	ng		99
35) Caprolactam	12.44	113	21360	52.217	ng	#	49
36) 4-Chloro-3-methylphenol	12.77	107	68970	53.229	ng	#	79
37) 2-Methylnaphthalene	13.15	142	168119	50.206	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.51	216	134395	46.493	ng		96
40) Hexachlorocyclopentadiene	13.48	237	164711	90.040	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.74	196	76311	52.893	ng		99
43) 2,4,5-Trichlorophenol	13.82	196	91543	50.915	ng	#	88
45) 1,1'-Biphenyl	14.14	154	234415	46.550	ng		91
46) 2-Chloronaphthalene	14.19	162	192852	48.396	ng		96
47) 2-Nitroaniline	14.38	65	43035	49.648	ng	#	68
48) Acenaphthylene	15.03	152	227233	38.760	ng		98
49) Dimethylphthalate	14.73	163	263106	49.734	ng		98
50) 2,6-Dinitrotoluene	14.86	165	44415	40.765	ng	#	68
51) Acenaphthene	15.36	154	157095	39.238	ng		99
52) 3-Nitroaniline	15.20	138	15547	16.159	ng	#	78
53) 2,4-Dinitrophenol	15.39	184	19121	39.332	ng	#	70
54) Dibenzofuran	15.69	168	247140	41.489	ng		99
55) 4-Nitrophenol	15.49	139	57794	80.924	ng	#	73
56) 2,4-Dinitrotoluene	15.64	165	65663	43.740	ng	#	64
57) Fluorene	16.34	166	196163	40.044	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.91	232	75727	44.736	ng	#	83
59) Diethylphthalate	16.07	149	205589	39.939	ng		96
60) 4-Chlorophenyl-phenylether	16.32	204	124226	38.408	ng		96
61) 4-Nitroaniline	16.35	138	32604	32.868	ng		80
62) Azobenzene	16.61	77	123514	37.347	ng	#	84
64) 4,6-Dinitro-2-methylphenol	16.40	198	25563	24.808	ng	#	74
65) n-Nitrosodiphenylamine	16.53	169	182403	39.104	ng		96
66) 4-Bromophenyl-phenylether	17.21	248	92939	40.831	ng		97
67) Hexachlorobenzene	17.33	284	104465	42.730	ng	#	91
68) Atrazine	17.46	200	84150	42.060	ng		97
69) Pentachlorophenol	17.67	266	100104	66.884	ng		98
70) Phenanthrene	18.08	178	337499	39.502	ng		98
71) Anthracene	18.17	178	355685	40.687	ng		97
72) Carbazole	18.43	167	332924	44.666	ng		100
73) Di-n-butylphthalate	18.94	149	403998	48.139	ng		99
74) Fluoranthene	20.05	202	585279	51.313	ng		95
76) Benzidine	20.21	184	104605	16.754	ng		97
77) Pyrene	20.41	202	598254	37.927	ng		100
79) Butylbenzylphthalate	21.26	149	207198	39.874	ng	#	80
80) Benzo(a)anthracene	22.33	228	667686	40.220	ng		98
81) 3,3'-Dichlorobenzidine	22.23	252	92879	14.981	ng	#	98
82) Chrysene	22.41	228	654580	39.988	ng		97
83) Bis(2-ethylhexyl)phthalate	22.18	149	303095	40.449	ng	#	98
84) Di-n-octyl phthalate	23.53	149	537035	45.680	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.19	276	877982	45.277	ng	#	84
87) Benzo(b)fluoranthene	24.83	252	666618	36.942	ng	#	95
88) Benzo(k)fluoranthene	24.90	252	731623	39.175	ng	#	96
89) Benzo(a)pyrene	25.82	252	676756	38.496	ng	#	95
90) Dibenzo(a,h)anthracene	30.28	278	737659	42.148	ng	#	94
91) Benzo(g,h,i)perylene	31.52	276	736997	43.562	ng	#	90

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

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