Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025953.D
Acq On : 25 Feb 2017 4:59
Operator : SJ/MA
Sample : PB97153BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97153BS

Manual Integrations APPROVED
mohammad
2/27/2017 1:07:06 PM

Quant Time: Feb 25 05:39:12 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	83606	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	426760	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	298241	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	755190	20.00	ng		0.00
75) Chrysene-d12	21.66	240	770868	20.00	ng		-0.01
86) Perylene-d12	24.87	264	753308	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	469050	97.67	ng		0.00
7) Phenol-d6	7.23	99	697565	98.16	ng		0.00
23) Nitrobenzene-d5	9.24	82	562456	83.17	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	328113	119.08	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	1604177	93.99	ng		0.00
78) Terphenyl-d14	20.01	244	2330796	73.54	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	62506	28.48	ng	#	85
3) Pyridine	3.94	79	191421	29.27	ng	#	79
4) n-Nitrosodimethylamine	3.85	42	82215	34.96	ng	#	43
6) Aniline	7.40	93	266101	26.93	ng	#	91
8) 2-Chlorophenol	7.65	128	258645	45.32	ng		87
9) Benzaldehyde	7.21	77	88403	20.99	ng	#	74
10) Phenol	7.26	94	356443	46.16	ng	#	74
11) bis(2-Chloroethyl)ether	7.49	93	227548	35.85	ng		90
12) 1,3-Dichlorobenzene	7.97	146	240110	36.39	ng	#	87
13) 1,4-Dichlorobenzene	8.12	146	251850	37.68	ng		95
14) 1,2-Dichlorobenzene	8.44	146	244588	37.28	ng	#	90
15) Benzyl Alcohol	8.31	79	240140	46.15	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.61	45	311293	33.80	ng		90
17) 2-Methylphenol	8.51	107	249704	44.89	ng	#	82
18) Hexachloroethane	9.17	117	80767	36.46	ng		86
19) n-Nitroso-di-n-propylamine	8.88	70	205325	39.56	ng	#	83
20) 3+4-Methylphenols	8.84	107	361162	45.57	ng		87
22) Acetophenone	8.90	105	388922	37.98	ng	#	81
24) Nitrobenzene	9.28	77	279207	38.18	ng	#	77
25) Isophorone	9.80	82	587621	39.49	ng	#	92
26) 2-Nitrophenol	9.99	139	152745	44.67	ng	#	72
27) 2,4-Dimethylphenol	10.04	122	295234	46.26	ng		88
28) bis(2-Chloroethoxy)methane	10.28	93	358964	38.06	ng		99
29) 2,4-Dichlorophenol	10.52	162	296581	48.69	ng		96
30) 1,2,4-Trichlorobenzene	10.75	180	258430	39.01	ng		97
31) Naphthalene	10.94	128	830662	37.65	ng		99
32) Benzoic acid	10.17	122	242206	49.70	ng	#	76
33) 4-Chloroaniline	11.03	127	179878	18.77	ng	#	84
34) Hexachlorobutadiene	11.22	225	137157	36.38	ng		99
35) Caprolactam	11.79	113	132773m	53.97	ng		
36) 4-Chloro-3-methylphenol	12.15	107	356180	48.87	ng	#	83
37) 2-Methylnaphthalene	12.53	142	691154	41.13	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	309464	41.40	ng		99
40) Hexachlorocyclopentadiene	12.87	237	346741	84.77	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	261257	54.12	ng		95
43) 2,4,5-Trichlorophenol	13.20	196	279471	50.99	ng	#	93
45) 1,1'-Biphenyl	13.52	154	938127	43.41	ng		99
46) 2-Chloronaphthalene	13.57	162	681605	43.62	ng		99
47) 2-Nitroaniline	13.76	65	250715	50.59	ng	#	69
48) Acenaphthylene	14.41	152	1223730	43.99	ng		99
49) Dimethylphthalate	14.13	163	990560	48.41	ng		98
50) 2,6-Dinitrotoluene	14.25	165	229339	49.90	ng	#	69
51) Acenaphthene	14.75	154	795855	43.32	ng		99
52) 3-Nitroaniline	14.57	138	147047	28.60	ng	#	73
53) 2,4-Dinitrophenol	14.78	184	275058	114.36	ng	#	86
54) Dibenzofuran	15.08	168	1193927	48.74	ng		92
55) 4-Nitrophenol	14.88	139	455238	108.81	ng	#	50
56) 2,4-Dinitrotoluene	15.04	165	331567	53.62	ng	#	78
57) Fluorene	15.72	166	1007572	46.03	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	273634	56.60	ng		97
59) Diethylphthalate	15.49	149	1040590	49.17	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	471244	46.46	ng		94
61) 4-Nitroaniline	15.74	138	272572	51.15	ng	#	55
62) Azobenzene	16.01	77	934246	51.36	ng		86
64) 4,6-Dinitro-2-methylphenol	15.79	198	197239	44.63	ng		92
65) n-Nitrosodiphenylamine	15.92	169	928063	40.52	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	320976	40.55	ng		96
67) Hexachlorobenzene	16.73	284	334560	41.01	ng		95
68) Atrazine	16.86	200	344653	42.52	ng		96
69) Pentachlorophenol	17.06	266	435221	86.49	ng		96
70) Phenanthrene	17.46	178	1639231	39.99	ng		97
71) Anthracene	17.55	178	1684656	40.31	ng		100
72) Carbazole	17.81	167	1585121	37.75	ng		97
73) Di-n-butylphthalate	18.37	149	1824954	44.28	ng	#	94
74) Fluoranthene	19.45	202	1844704	40.87	ng		95
76) Benzidine	19.63	184	562457	23.11	ng		97
77) Pyrene	19.81	202	1858695	38.12	ng		99
79) Butylbenzylphthalate	20.69	149	827098	44.70	ng		90
80) Benzo(a)anthracene	21.65	228	1777339	39.49	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	423565	26.40	ng	#	98
82) Chrysene	21.71	228	1624014	37.52	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	1155393	43.25	ng		97
84) Di-n-octyl phthalate	22.75	149	2012323	45.61	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.53	276	2129871	41.78	ng	#	88
87) Benzo(b)fluoranthene	23.85	252	1817190	40.28	ng	#	96
88) Benzo(k)fluoranthene	23.92	252	1768508	40.18	ng	#	95
89) Benzo(a)pyrene	24.71	252	1765847	41.33	ng	#	95
90) Dibenzo(a,h)anthracene	28.59	278	1762647	41.07	ng	#	93
91) Benzo(g,h,i)perylene	29.67	276	1764538	41.01	ng	#	87

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

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