Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
Data File : BG027892.D
Acq On : 10 Jul 2017 18:09
Operator : SJ/JU
Sample : PB100512BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB100512BS

Manual Integrations APPROVED
mohammad
7/11/2017 3:34:38 PM

Quant Time: Jul 11 07:33:11 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 17:43:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	41390	20.00	ng		-0.01
21) Naphthalene-d8	11.24	136	186692	20.00	ng		-0.01
38) Acenaphthene-d10	15.01	164	111705	20.00	ng		-0.01
63) Phenanthrene-d10	17.76	188	256066	20.00	ng		-0.01
75) Chrysene-d12	22.11	240	332240	20.00	ng		-0.02
86) Perylene-d12	25.67	264	298723	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.99	112	361869	134.63	ng		-0.01
7) Phenol-d6	7.56	99	495187	120.60	ng		-0.01
23) Nitrobenzene-d5	9.58	82	250024	74.65	ng		-0.01
41) 2,4,6-Tribromophenol	16.50	330	230933	150.72	ng		-0.02
44) 2-Fluorobiphenyl	13.64	172	698488	89.30	ng		-0.01
78) Terphenyl-d14	20.34	244	1173914	82.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	35207	35.182	ng	#	65
3) Pyridine	4.35	79	101392	32.905	ng	#	59
4) n-Nitrosodimethylamine	4.26	42	30400	20.118	ng	#	1
6) Aniline	7.75	93	139504	29.310	ng	#	84
8) 2-Chlorophenol	7.99	128	126291	42.048	ng	#	78
9) Benzaldehyde	7.56	77	65191	26.681	ng	#	74
10) Phenol	7.59	94	162892	40.097	ng	#	66
11) bis(2-Chloroethyl)ether	7.82	93	123916	40.157	ng	#	75
12) 1,3-Dichlorobenzene	8.31	146	118581	37.117	ng	#	88
13) 1,4-Dichlorobenzene	8.45	146	121955	36.841	ng		93
14) 1,2-Dichlorobenzene	8.77	146	120005	37.388	ng		94
15) Benzyl Alcohol	8.65	79	71332	25.112	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.93	45	130716	19.860	ng		85
17) 2-Methylphenol	8.84	107	109095	37.958	ng	#	82
18) Hexachloroethane	9.50	117	39758	34.144	ng	#	83
19) n-Nitroso-di-n-propylamine	9.21	70	87307	29.226	ng	#	71
20) 3+4-Methylphenols	9.17	107	150786	36.380	ng		83
22) Acetophenone	9.23	105	172186	38.221	ng	#	74
24) Nitrobenzene	9.63	77	123195	35.183	ng	#	76
25) Isophorone	10.14	82	246769	33.802	ng	#	90
26) 2-Nitrophenol	10.34	139	64668	40.886	ng	#	60
27) 2,4-Dimethylphenol	10.38	122	128611	43.414	ng		85
28) bis(2-Chloroethoxy)methane	10.61	93	156488	37.808	ng	#	98
29) 2,4-Dichlorophenol	10.88	162	113751	43.815	ng		96
30) 1,2,4-Trichlorobenzene	11.09	180	108244	40.881	ng		96
31) Naphthalene	11.29	128	386866	38.966	ng		99
32) Benzoic acid	10.49	122	33668	24.024	ng	#	78
33) 4-Chloroaniline	11.41	127	53950	12.578	ng	#	82
34) Hexachlorobutadiene	11.56	225	55217	37.427	ng		98
35) Caprolactam	12.17	113	47458m	36.344	ng		
36) 4-Chloro-3-methylphenol	12.48	107	128067	35.057	ng	#	84
37) 2-Methylnaphthalene	12.86	142	285181	38.565	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	13.22	216	128236	43.686	ng		98
40) Hexachlorocyclopentadiene	13.20	237	150314	108.610	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	87901	41.462	ng		96
43) 2,4,5-Trichlorophenol	13.54	196	98357	40.944	ng	#	90
45) 1,1'-Biphenyl	13.85	154	368811	41.192	ng		98
46) 2-Chloronaphthalene	13.90	162	275160	40.682	ng		96
47) 2-Nitroaniline	14.10	65	77293	28.550	ng	#	56
48) Acenaphthylene	14.74	152	471789	38.173	ng		97
49) Dimethylphthalate	14.45	163	359023	37.676	ng		97
50) 2,6-Dinitrotoluene	14.58	165	78173	37.738	ng	#	63
51) Acenaphthene	15.08	154	287583	36.305	ng		96
52) 3-Nitroaniline	14.92	138	63175	25.923	ng	#	76
53) 2,4-Dinitrophenol	15.12	184	89458	78.830	ng	#	71
54) Dibenzofuran	15.41	168	438369	41.852	ng	#	89
55) 4-Nitrophenol	15.22	139	151356	81.361	ng	#	37
56) 2,4-Dinitrotoluene	15.37	165	111122	38.460	ng	#	74
57) Fluorene	16.06	166	385545	37.964	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.64	232	87875	42.435	ng	#	97
59) Diethylphthalate	15.81	149	371497	35.207	ng		97
60) 4-Chlorophenyl-phenylether	16.04	204	173449	38.581	ng		90
61) 4-Nitroaniline	16.08	138	105196	41.434	ng	#	46
62) Azobenzene	16.33	77	334066	36.030	ng		82
64) 4,6-Dinitro-2-methylphenol	16.13	198	61030	39.423	ng		81
65) n-Nitrosodiphenylamine	16.25	169	331851	39.839	ng		99
66) 4-Bromophenyl-phenylether	16.93	248	113755	42.474	ng		99
67) Hexachlorobenzene	17.06	284	130347	45.956	ng	#	87
68) Atrazine	17.20	200	108977	41.439	ng		96
69) Pentachlorophenol	17.41	266	146138	80.647	ng		98
70) Phenanthrene	17.80	178	616637	41.713	ng		95
71) Anthracene	17.90	178	613092	41.071	ng		97
72) Carbazole	18.17	167	598309	40.697	ng		94
73) Di-n-butylphthalate	18.69	149	696124	43.089	ng	#	92
74) Fluoranthene	19.80	202	742488	45.957	ng		91
76) Benzidine	19.98	184	426878	53.576	ng		96
77) Pyrene	20.16	202	765423	36.710	ng		96
79) Butylbenzylphthalate	21.03	149	330948	35.243	ng		89
80) Benzo(a)anthracene	22.09	228	757765	37.724	ng		95
81) 3,3'-Dichlorobenzidine	21.99	252	180955	24.821	ng	#	98
82) Chrysene	22.16	228	713443	37.893	ng		95
83) Bis(2-ethylhexyl)phthalate	21.95	149	481141	35.061	ng		97
84) Di-n-octyl phthalate	23.27	149	826967	36.476	ng	#	82
85) Indeno(1,2,3-cd)pyrene	29.77	276	906464	42.124	ng	#	86
87) Benzo(b)fluoranthene	24.54	252	770332	40.027	ng	#	94
88) Benzo(k)fluoranthene	24.61	252	768984	40.423	ng	#	93
89) Benzo(a)pyrene	25.50	252	735919	40.751	ng	#	93
90) Dibenzo(a,h)anthracene	29.84	278	777292	42.487	ng	#	92
91) Benzo(g,h,i)perylene	31.06	276	732242	41.647	ng	#	86

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

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