Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027215.D
Acq On : 5 Jun 2017 16:37
Operator : SJ/MA
Sample : PB99411BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB99411BS

Manual Integrations APPROVED
mohammad
6/6/2017 5:14:15 PM

Quant Time: Jun 06 04:24:29 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	53294	20.00	ng		0.00
21) Naphthalene-d8	11.40	136	266788	20.00	ng		0.00
38) Acenaphthene-d10	15.16	164	179416	20.00	ng		0.00
63) Phenanthrene-d10	17.91	188	413444	20.00	ng		0.00
75) Chrysene-d12	22.31	240	433362	20.00	ng		0.00
86) Perylene-d12	26.02	264	408520	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	586895	168.05	ng		0.00
7) Phenol-d6	7.71	99	838250	163.51	ng		0.00
23) Nitrobenzene-d5	9.74	82	424731	100.12	ng		0.00
41) 2,4,6-Tribromophenol	16.64	330	374760	158.62	ng		0.00
44) 2-Fluorobiphenyl	13.79	172	1192142	92.96	ng		0.00
78) Terphenyl-d14	20.49	244	1593277	93.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	49040	33.86	ng	#	78
3) Pyridine	4.55	79	152837	34.24	ng	#	72
4) n-Nitrosodimethylamine	4.45	42	74890	45.31	ng	#	49
6) Aniline	7.90	93	237364	36.77	ng	#	92
8) 2-Chlorophenol	8.14	128	202538	54.92	ng		87
9) Benzaldehyde	7.72	77	29349	8.28	ng		88
10) Phenol	7.74	94	293412	55.97	ng	#	75
11) bis(2-Chloroethyl)ether	7.98	93	193179	44.92	ng		83
12) 1,3-Dichlorobenzene	8.46	146	184181	44.28	ng	#	92
13) 1,4-Dichlorobenzene	8.61	146	189452	44.38	ng		94
14) 1,2-Dichlorobenzene	8.94	146	183847	44.16	ng		94
15) Benzyl Alcohol	8.80	79	197624	54.71	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	9.09	45	264739	43.02	ng		89
17) 2-Methylphenol	8.99	107	196511	53.03	ng	#	86
18) Hexachloroethane	9.67	117	62828	43.69	ng		89
19) n-Nitroso-di-n-propylamine	9.37	70	167780	46.78	ng	#	84
20) 3+4-Methylphenols	9.32	107	276473	53.86	ng		89
22) Acetophenone	9.39	105	313163	45.90	ng	#	82
24) Nitrobenzene	9.78	77	223830	46.31	ng	#	85
25) Isophorone	10.31	82	458527	45.97	ng	#	95
26) 2-Nitrophenol	10.50	139	95218	47.82	ng	#	74
27) 2,4-Dimethylphenol	10.53	122	233107	54.35	ng		91
28) bis(2-Chloroethoxy)methane	10.77	93	295016	45.68	ng		99
29) 2,4-Dichlorophenol	11.03	162	217727	55.61	ng		99
30) 1,2,4-Trichlorobenzene	11.25	180	195072	44.99	ng		98
31) Naphthalene	11.45	128	636247	43.64	ng		100
32) Benzoic acid	10.66	122	147889	49.54	ng	#	85
33) 4-Chloroaniline	11.54	127	111658	18.38	ng	#	88
34) Hexachlorobutadiene	11.72	225	114479	42.96	ng		97
35) Caprolactam	12.34	113	76150m	56.71	ng		
36) 4-Chloro-3-methylphenol	12.61	107	262396	53.47	ng		91
37) 2-Methylnaphthalene	13.01	142	494003	46.45	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.37	216	243096	43.49	ng		99
40) Hexachlorocyclopentadiene	13.35	237	300585	101.04	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	181920	53.66	ng		96
43) 2,4,5-Trichlorophenol	13.67	196	190335	50.17	ng		94
45) 1,1'-Biphenyl	13.99	154	664880	45.40	ng		98
46) 2-Chloronaphthalene	14.05	162	503696	45.88	ng		98
47) 2-Nitroaniline	14.23	65	148612	47.65	ng	#	79
48) Acenaphthylene	14.89	152	832951	44.83	ng		99
49) Dimethylphthalate	14.60	163	696113	48.91	ng		98
50) 2,6-Dinitrotoluene	14.72	165	139044	48.08	ng	#	75
51) Acenaphthene	15.22	154	601040	49.73	ng		100
52) 3-Nitroaniline	15.05	138	82203	29.59	ng		89
53) 2,4-Dinitrophenol	15.25	184	141530	94.08	ng		95
54) Dibenzofuran	15.55	168	829753	49.13	ng		91
55) 4-Nitrophenol	15.33	139	256204	94.13	ng	#	54
56) 2,4-Dinitrotoluene	15.50	165	191472	51.21	ng	#	83
57) Fluorene	16.20	166	677645	45.17	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.77	232	188318	55.61	ng		99
59) Diethylphthalate	15.96	149	699250	49.26	ng		99
60) 4-Chlorophenyl-phenylether	16.19	204	349392	46.23	ng		94
61) 4-Nitroaniline	16.21	138	143973	47.05	ng	#	66
62) Azobenzene	16.48	77	685235	52.08	ng		89
64) 4,6-Dinitro-2-methylphenol	16.26	198	99119	52.27	ng		91
65) n-Nitrosodiphenylamine	16.40	169	617302	47.62	ng		99
66) 4-Bromophenyl-phenylether	17.08	248	232503	47.51	ng		97
67) Hexachlorobenzene	17.21	284	246938	46.92	ng	#	89
68) Atrazine	17.34	200	213733	49.31	ng		96
69) Pentachlorophenol	17.54	266	307782	99.76	ng		96
70) Phenanthrene	17.95	178	1053010	45.27	ng		97
71) Anthracene	18.04	178	1081286	46.40	ng		99
72) Carbazole	18.31	167	932034	42.40	ng		96
73) Di-n-butylphthalate	18.84	149	1035884	48.60	ng	#	94
74) Fluoranthene	19.94	202	1121814	45.14	ng		94
76) Benzidine	20.11	184	372108	28.50	ng		98
77) Pyrene	20.30	202	1129508	43.14	ng		98
79) Butylbenzylphthalate	21.20	149	450170	48.66	ng		91
80) Benzo(a)anthracene	22.28	228	1136741	46.00	ng		97
81) 3,3'-Dichlorobenzidine	22.18	252	267181	27.79	ng		95
82) Chrysene	22.36	228	1037067	43.71	ng		98
83) Bis(2-ethylhexyl)phthalate	22.15	149	665778	47.62	ng		100
84) Di-n-octyl phthalate	23.55	149	1132321	48.90	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.31	276	1354652	47.14	ng	#	87
87) Benzo(b)fluoranthene	24.83	252	1175501	46.40	ng	#	96
88) Benzo(k)fluoranthene	24.91	252	1138741	45.81	ng	#	94
89) Benzo(a)pyrene	25.84	252	1112112	46.63	ng	#	96
90) Dibenzo(a,h)anthracene	30.39	278	1163353	46.60	ng	#	96
91) Benzo(g,h,i)perylene	31.66	276	1115386	46.13	ng	#	91

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

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