Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
Data File : BG016562.D
Acq On : 20 Apr 2015 21:35
Operator : TP/IZ
Sample : PB82873BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB82873BS

Manual Integrations APPROVED
apatel
4/21/2015 5:05:51 PM

Quant Time: Apr 21 02:18:04 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 01:34:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	66104	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	291300	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	173311	20.00	ng	0.00
63) Phenanthrene-d10	17.03	188	373231	20.00	ng	0.00
75) Chrysene-d12	21.22	240	319589	20.00	ng	0.00
86) Perylene-d12	23.43	264	306174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	565896	135.11	ng	0.00
7) Phenol-d6	6.85	99	773464	123.01	ng	0.01
23) Nitrobenzene-d5	8.81	82	395057	78.56	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	167668	143.05	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	883247	86.77	ng	0.00
78) Terphenyl-d14	19.66	244	1072850	78.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	65925	34.62	ng	98
3) Pyridine	3.52	79	184503	32.42	ng	96
4) n-Nitrosodimethylamine	3.44	42	60019	35.48	ng	99
6) Aniline	6.99	93	135885	15.13	ng	95
8) 2-Chlorophenol	7.22	128	214966	42.74	ng	96
9) Benzaldehyde	6.79	77	23369	6.35	ng	89
10) Phenol	6.87	94	267695	39.79	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	190308	35.48	ng	96
12) 1,3-Dichlorobenzene	7.54	146	204605	40.28	ng	96
13) 1,4-Dichlorobenzene	7.69	146	208558	39.58	ng	94
14) 1,2-Dichlorobenzene	8.00	146	202374	40.16	ng	98
15) Benzyl Alcohol	7.90	79	151532	34.57	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	196101	32.46	ng	97
17) 2-Methylphenol	8.11	107	178460	39.56	ng	99
18) Hexachloroethane	8.72	117	75900	37.65	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	138364	30.71	ng	97
20) 3+4-Methylphenols	8.44	107	243865	39.03	ng	98
22) Acetophenone	8.47	105	263681	39.04	ng	97
24) Nitrobenzene	8.85	77	198734	36.96	ng	92
25) Isophorone	9.37	82	388283	34.77	ng	95
26) 2-Nitrophenol	9.56	139	114728	45.75	ng	95
27) 2,4-Dimethylphenol	9.63	122	210049	44.97	ng	99
28) bis(2-Chloroethoxy)methane	9.85	93	239614	37.59	ng	98
29) 2,4-Dichlorophenol	10.10	162	183325	49.60	ng	96
30) 1,2,4-Trichlorobenzene	10.30	180	168885	43.77	ng	98
31) Naphthalene	10.48	128	604901	39.85	ng	99
32) Benzoic acid	9.79	122	108969	37.99	ng	97
33) 4-Chloroaniline	10.61	127	58741	8.25	ng	96
34) Hexachlorobutadiene	10.77	225	74801	44.13	ng	97
35) Caprolactam	11.38	113	103741m	44.59	ng	
36) 4-Chloro-3-methylphenol	11.75	107	217998	44.65	ng	94
37) 2-Methylnaphthalene	12.11	142	441774	40.46	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.48	216	156075	40.90	ng	99
40) Hexachlorocyclopentadiene	12.45	237	120883	69.21	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	129805	45.78	ng	98
43) 2,4,5-Trichlorophenol	12.80	196	144487	47.69	ng	94
45) 1,1'-Biphenyl	13.13	154	546136	41.08	ng	98
46) 2-Chloronaphthalene	13.17	162	419341	41.41	ng	97
47) 2-Nitroaniline	13.38	65	128962	39.51	ng	89
48) Acenaphthylene	14.01	152	723626	40.18	ng	99
49) Dimethylphthalate	13.76	163	535257	42.14	ng	99
50) 2,6-Dinitrotoluene	13.88	165	135238	44.02	ng	93
51) Acenaphthene	14.36	154	440042	40.89	ng	98
52) 3-Nitroaniline	14.21	138	63425	16.17	ng	93
53) 2,4-Dinitrophenol	14.43	184	114537	66.03	ng	91
54) Dibenzofuran	14.70	168	640151	42.87	ng	99
55) 4-Nitrophenol	14.54	139	262115	80.84	ng	98
56) 2,4-Dinitrotoluene	14.67	165	191524	45.77	ng	93
57) Fluorene	15.34	166	562017	42.66	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.93	232	111078	47.51	ng	95
59) Diethylphthalate	15.13	149	575550	42.57	ng	99
60) 4-Chlorophenyl-phenylether	15.34	204	233272	43.29	ng	99
61) 4-Nitroaniline	15.38	138	172296	38.69	ng	97
62) Azobenzene	15.63	77	559974	38.91	ng	99
64) 4,6-Dinitro-2-methylphenol	15.44	198	98455	38.33	ng	89
65) n-Nitrosodiphenylamine	15.56	169	509742	40.40	ng	100
66) 4-Bromophenyl-phenylether	16.23	248	124295	41.71	ng	94
67) Hexachlorobenzene	16.35	284	125747	40.60	ng	97
68) Atrazine	16.51	200	164117	46.67	ng	97
69) Pentachlorophenol	16.69	266	143285	75.76	ng	98
70) Phenanthrene	17.08	178	863968	41.16	ng	100
71) Anthracene	17.17	178	874851	42.05	ng	100
72) Carbazole	17.45	167	893491	42.79	ng	99
73) Di-n-butylphthalate	18.00	149	1067290	41.77	ng	100
74) Fluoranthene	19.10	202	903300	41.75	ng	96
76) Benzidine	19.28	184	272545	20.11	ng	98
77) Pyrene	19.46	202	937681	42.14	ng	99
79) Butylbenzylphthalate	20.36	149	498544	45.60	ng	94
80) Benzo(a)anthracene	21.20	228	793115	41.99	ng	100
81) 3,3'-Dichlorobenzidine	21.14	252	134576	21.67	ng	99
82) Chrysene	21.25	228	751997	41.24	ng	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	675425	45.63	ng	97
84) Di-n-octyl phthalate	21.99	149	1153886	47.85	ng	97
85) Indeno(1,2,3-cd)pyrene	25.69	276	837086	44.19	ng	98
87) Benzo(b)fluoranthene	22.77	252	746727	41.64	ng	99
88) Benzo(k)fluoranthene	22.81	252	741446	42.25	ng	99
89) Benzo(a)pyrene	23.34	252	735572	43.77	ng	98
90) Dibenzo(a,h)anthracene	25.71	278	693954	42.43	ng	100
91) Benzo(g,h,i)perylene	26.39	276	712427	43.61	ng	98

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

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