Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017150.D
Acq On : 14 May 2015 20:43
Operator : TP/IZ
Sample : PB83305BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 15 05:48:53 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 16:12:13 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB83305BSD

Manual Integrations APPROVED
apatel
5/15/2015 11:31:27 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	56511	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	241469	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	159319	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	366347	20.00	ng		0.00
75) Chrysene-d12	21.30	240	397442	20.00	ng		0.00
86) Perylene-d12	23.57	264	378545	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	405734	127.38	ng		0.00
7) Phenol-d6	6.91	99	562498	125.84	ng		0.00
23) Nitrobenzene-d5	8.87	82	359512	69.51	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	214334	111.29	ng		0.00
44) 2-Fluorobiphenyl	12.98	172	735442	67.74	ng		0.00
78) Terphenyl-d14	19.74	244	1315832	68.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	37409	29.77	ng		96
3) Pyridine	3.56	79	122308	32.17	ng		96
4) n-Nitrosodimethylamine	3.49	42	86972	30.14	ng	#	93
6) Aniline	7.04	93	149812	24.23	ng		97
8) 2-Chlorophenol	7.28	128	143144	37.57	ng		96
9) Benzaldehyde	6.84	77	31146	8.53	ng		95
10) Phenol	6.93	94	188505	39.77	ng		95
11) bis(2-Chloroethyl)ether	7.14	93	131034	36.87	ng		93
12) 1,3-Dichlorobenzene	7.59	146	138100	32.45	ng		98
13) 1,4-Dichlorobenzene	7.74	146	141046	32.83	ng		99
14) 1,2-Dichlorobenzene	8.06	146	131318	32.01	ng		98
15) Benzyl Alcohol	7.95	79	149025	34.32	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	227085	39.41	ng		96
17) 2-Methylphenol	8.17	107	129306	37.62	ng		91
18) Hexachloroethane	8.78	117	59116	32.95	ng		90
19) n-Nitroso-di-n-propylamine	8.52	70	127279	32.68	ng		99
20) 3+4-Methylphenols	8.50	107	177209	37.10	ng		95
22) Acetophenone	8.53	105	208912	35.65	ng	#	96
24) Nitrobenzene	8.91	77	179644	35.50	ng		98
25) Isophorone	9.43	82	329218	34.53	ng	#	96
26) 2-Nitrophenol	9.61	139	80312	35.50	ng	#	86
27) 2,4-Dimethylphenol	9.70	122	147385	39.58	ng		99
28) bis(2-Chloroethoxy)methane	9.92	93	175610	37.84	ng		98
29) 2,4-Dichlorophenol	10.17	162	137567	39.17	ng		95
30) 1,2,4-Trichlorobenzene	10.37	180	135783	34.08	ng		98
31) Naphthalene	10.55	128	422231	35.73	ng	#	97
32) Benzoic acid	9.84	122	80888	32.06	ng		86
33) 4-Chloroaniline	10.67	127	101458	18.15	ng		95
34) Hexachlorobutadiene	10.84	225	83527	33.11	ng		96
35) Caprolactam	11.43	113	67219m	38.06	ng		
36) 4-Chloro-3-methylphenol	11.82	107	176380	39.74	ng		95
37) 2-Methylnaphthalene	12.17	142	316439	33.77	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	148960	33.05	ng		98
40) Hexachlorocyclopentadiene	12.52	237	204041	74.21	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	110706	34.62	ng		99
43) 2,4,5-Trichlorophenol	12.88	196	121705	36.94	ng		93
45) 1,1'-Biphenyl	13.19	154	416573	36.30	ng		99
46) 2-Chloronaphthalene	13.23	162	326028	35.88	ng		97
47) 2-Nitroaniline	13.45	65	132734	37.55	ng		96
48) Acenaphthylene	14.09	152	546467	35.12	ng		100
49) Dimethylphthalate	13.83	163	441656	35.45	ng		98
50) 2,6-Dinitrotoluene	13.94	165	100828	36.52	ng		95
51) Acenaphthene	14.43	154	328355	35.72	ng		100
52) 3-Nitroaniline	14.27	138	74538	24.34	ng	#	91
53) 2,4-Dinitrophenol	14.49	184	123814	77.25	ng		98
54) Dibenzofuran	14.76	168	495781	36.28	ng		98
55) 4-Nitrophenol	14.63	139	202285	82.02	ng		93
56) 2,4-Dinitrotoluene	14.73	165	145415	37.77	ng		93
57) Fluorene	15.41	166	438628	36.27	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.00	232	111644	36.93	ng		97
59) Diethylphthalate	15.20	149	466309	34.85	ng		99
60) 4-Chlorophenyl-phenylether	15.41	204	219423	35.32	ng		97
61) 4-Nitroaniline	15.44	138	128578	37.63	ng		90
62) Azobenzene	15.70	77	510029	39.90	ng		95
64) 4,6-Dinitro-2-methylphenol	15.50	198	86871	34.60	ng		94
65) n-Nitrosodiphenylamine	15.63	169	387462	34.45	ng		99
66) 4-Bromophenyl-phenylether	16.31	248	135180	33.83	ng		97
67) Hexachlorobenzene	16.42	284	141337	33.52	ng		98
68) Atrazine	16.58	200	132853	32.29	ng		96
69) Pentachlorophenol	16.77	266	188962	71.79	ng		93
70) Phenanthrene	17.15	178	675241	35.74	ng		98
71) Anthracene	17.25	178	695604	36.33	ng		98
72) Carbazole	17.52	167	681520	38.74	ng		98
73) Di-n-butylphthalate	18.09	149	907353	38.55	ng		97
74) Fluoranthene	19.17	202	848242	37.39	ng		96
76) Benzidine	19.36	184	277229	21.36	ng		97
77) Pyrene	19.54	202	873885	35.84	ng		98
79) Butylbenzylphthalate	20.44	149	411293	37.10	ng		97
80) Benzo(a)anthracene	21.28	228	803080	35.26	ng		98
81) 3,3'-Dichlorobenzidine	21.22	252	261864	29.71	ng		100
82) Chrysene	21.34	228	754065	35.55	ng		99
83) Bis(2-ethylhexyl)phthalate	21.22	149	566454	35.95	ng		100
84) Di-n-octyl phthalate	22.10	149	939138	35.80	ng		98
85) Indeno(1,2,3-cd)pyrene	25.90	276	893404	35.19	ng		96
87) Benzo(b)fluoranthene	22.88	252	797478	36.14	ng	#	98
88) Benzo(k)fluoranthene	22.93	252	781974	37.33	ng	#	97
89) Benzo(a)pyrene	23.47	252	766294	37.82	ng		99
90) Dibenzo(a,h)anthracene	25.91	278	747197	35.92	ng	#	96
91) Benzo(g,h,i)perylene	26.61	276	718441	36.69	ng	#	94

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

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