Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
Data File : BG017651.D
Acq On : 12 Jun 2015 23:38
Operator : TP/IZ
Sample : PB83925BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB83925BS

Manual Integrations APPROVED
apatel
6/15/2015 4:40:12 PM

Quant Time: Jun 13 04:57:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 02:22:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	23378	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	89579	20.00	ng		0.00
38) Acenaphthene-d10	14.21	164	72804	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	211168	20.00	ng		0.00
75) Chrysene-d12	21.16	240	315444	20.00	ng		0.00
86) Perylene-d12	23.36	264	301769	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	143543	118.92	ng		0.00
7) Phenol-d6	6.74	99	200875	113.57	ng		0.00
23) Nitrobenzene-d5	8.70	82	154034	72.18	ng		0.00
41) 2,4,6-Tribromophenol	15.71	330	143785	114.41	ng		0.00
44) 2-Fluorobiphenyl	12.82	172	376311	71.49	ng		0.00
78) Terphenyl-d14	19.61	244	1008770	66.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	15583	25.92	ng	#	89
3) Pyridine	3.35	79	49885	32.06	ng		94
4) n-Nitrosodimethylamine	3.27	42	29604	33.07	ng	#	99
6) Aniline	6.86	93	61365	26.06	ng	#	88
8) 2-Chlorophenol	7.10	128	51586	35.21	ng		93
9) Benzaldehyde	6.67	77	44294	37.05	ng		87
10) Phenol	6.77	94	68901	37.45	ng		96
11) bis(2-Chloroethyl)ether	6.96	93	45096	33.06	ng		96
12) 1,3-Dichlorobenzene	7.41	146	58613	34.25	ng		97
13) 1,4-Dichlorobenzene	7.56	146	60566	33.59	ng		95
14) 1,2-Dichlorobenzene	7.88	146	54722	32.65	ng		92
15) Benzyl Alcohol	7.78	79	64761	33.22	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.07	45	17595	32.20	ng	#	85
17) 2-Methylphenol	8.01	107	44462	33.35	ng		90
18) Hexachloroethane	8.60	117	25403	33.93	ng	#	79
19) n-Nitroso-di-n-propylamine	8.34	70	48290	30.44	ng	#	85
20) 3+4-Methylphenols	8.34	107	65526	35.71	ng	#	87
22) Acetophenone	8.35	105	82342	34.88	ng	#	89
24) Nitrobenzene	8.74	77	81015	35.05	ng		92
25) Isophorone	9.26	82	133143	33.22	ng		99
26) 2-Nitrophenol	9.44	139	30567	34.40	ng		96
27) 2,4-Dimethylphenol	9.53	122	53042	37.11	ng	#	82
28) bis(2-Chloroethoxy)methane	9.75	93	61709	35.54	ng		98
29) 2,4-Dichlorophenol	9.99	162	59520	39.06	ng		98
30) 1,2,4-Trichlorobenzene	10.19	180	66486	33.75	ng		91
31) Naphthalene	10.37	128	159747	33.04	ng	#	94
32) Benzoic acid	9.71	122	25538	30.06	ng		82
33) 4-Chloroaniline	10.50	127	31977	16.16	ng		96
34) Hexachlorobutadiene	10.65	225	56704	33.55	ng		94
35) Caprolactam	11.27	113	24363m	33.49	ng		
36) 4-Chloro-3-methylphenol	11.66	107	73854	37.90	ng	#	85
37) 2-Methylnaphthalene	12.00	142	129872	33.60	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	99881	34.08	ng		94
40) Hexachlorocyclopentadiene	12.35	237	76615	68.35	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.64	196	61271	33.71	ng		85
43) 2,4,5-Trichlorophenol	12.73	196	66344	34.89	ng		87
45) 1,1'-Biphenyl	13.03	154	181238	33.95	ng		96
46) 2-Chloronaphthalene	13.07	162	142948	32.27	ng		96
47) 2-Nitroaniline	13.30	65	56492	36.12	ng		99
48) Acenaphthylene	13.92	152	243333	32.32	ng		95
49) Dimethylphthalate	13.68	163	222352	35.67	ng		97
50) 2,6-Dinitrotoluene	13.80	165	46729	34.18	ng		87
51) Acenaphthene	14.27	154	151001	33.77	ng		99
52) 3-Nitroaniline	14.13	138	25962	21.26	ng		97
53) 2,4-Dinitrophenol	14.35	184	54067	67.53	ng	#	87
54) Dibenzofuran	14.61	168	260958	35.34	ng		99
55) 4-Nitrophenol	14.49	139	61276	69.42	ng		94
56) 2,4-Dinitrotoluene	14.60	165	73440	37.02	ng		93
57) Fluorene	15.26	166	219523	34.66	ng		95
58) 2,3,4,6-Tetrachlorophenol	14.85	232	78982m	38.15	ng		
59) Diethylphthalate	15.05	149	241010	34.84	ng		97
60) 4-Chlorophenyl-phenylether	15.26	204	141663	35.72	ng		96
61) 4-Nitroaniline	15.31	138	44426	34.12	ng		90
62) Azobenzene	15.55	77	261122	34.78	ng		99
64) 4,6-Dinitro-2-methylphenol	15.36	198	50746	32.08	ng		96
65) n-Nitrosodiphenylamine	15.48	169	208871	33.94	ng		98
66) 4-Bromophenyl-phenylether	16.16	248	99783	35.53	ng		92
67) Hexachlorobenzene	16.27	284	102217	33.44	ng		99
68) Atrazine	16.44	200	104295	34.38	ng		96
69) Pentachlorophenol	16.63	266	98541	70.73	ng		97
70) Phenanthrene	17.00	178	385421	32.70	ng		100
71) Anthracene	17.10	178	399973	34.18	ng		99
72) Carbazole	17.38	167	354924	33.08	ng		97
73) Di-n-butylphthalate	17.94	149	455838	34.72	ng		99
74) Fluoranthene	19.03	202	567570	33.66	ng		99
76) Benzidine	19.23	184	243913	33.09	ng		98
77) Pyrene	19.39	202	595580	33.44	ng		99
79) Butylbenzylphthalate	20.31	149	219493	34.14	ng		98
80) Benzo(a)anthracene	21.15	228	626281	32.18	ng		99
81) 3,3'-Dichlorobenzidine	21.09	252	116439	16.72	ng		93
82) Chrysene	21.20	228	567011	32.31	ng		99
83) Bis(2-ethylhexyl)phthalate	21.08	149	317388	33.60	ng		97
84) Di-n-octyl phthalate	21.94	149	529615	33.66	ng		100
85) Indeno(1,2,3-cd)pyrene	25.59	276	715328	31.34	ng		99
87) Benzo(b)fluoranthene	22.70	252	623815	32.07	ng		99
88) Benzo(k)fluoranthene	22.74	252	633333	33.85	ng		98
89) Benzo(a)pyrene	23.27	252	599128	33.35	ng		98
90) Dibenzo(a,h)anthracene	25.60	278	601555	32.36	ng		98
91) Benzo(g,h,i)perylene	26.27	276	586730	33.19	ng		99

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

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