Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017167.D
Acq On : 15 May 2015 8:25
Operator : TP/IZ
Sample : PB83314BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 15 11:10:16 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 : PB83314BS

Manual Integrations APPROVED
apatel
5/15/2015 11:31:37 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	41221	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	175538	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	119060	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	283147	20.00	ng		0.00
75) Chrysene-d12	21.29	240	313814	20.00	ng		0.00
86) Perylene-d12	23.56	264	284656	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	334280	143.88	ng		0.00
7) Phenol-d6	6.91	99	453641	139.14	ng		0.00
23) Nitrobenzene-d5	8.87	82	299346	79.62	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	192326	133.63	ng		0.00
44) 2-Fluorobiphenyl	12.98	172	618029	76.17	ng		0.00
78) Terphenyl-d14	19.74	244	1175868	78.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	33002	36.00	ng		99
3) Pyridine	3.56	79	99105	35.73	ng		95
4) n-Nitrosodimethylamine	3.49	42	73389	34.87	ng	#	90
6) Aniline	7.04	93	111677	24.76	ng		95
8) 2-Chlorophenol	7.28	128	120221	43.25	ng		94
9) Benzaldehyde	6.85	77	26074	9.92	ng		89
10) Phenol	6.94	94	160835	46.51	ng		96
11) bis(2-Chloroethyl)ether	7.14	93	107818	41.59	ng		92
12) 1,3-Dichlorobenzene	7.59	146	120001	38.66	ng		99
13) 1,4-Dichlorobenzene	7.74	146	116976	37.33	ng		97
14) 1,2-Dichlorobenzene	8.06	146	111930	37.40	ng		96
15) Benzyl Alcohol	7.95	79	122215	38.58	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	189522	45.09	ng		97
17) 2-Methylphenol	8.18	107	108866	43.42	ng		96
18) Hexachloroethane	8.78	117	48798	37.29	ng		86
19) n-Nitroso-di-n-propylamine	8.52	70	102887	36.22	ng		95
20) 3+4-Methylphenols	8.50	107	147937	42.46	ng		90
22) Acetophenone	8.53	105	175859	41.28	ng	#	97
24) Nitrobenzene	8.91	77	151921	41.30	ng		97
25) Isophorone	9.43	82	270258	39.00	ng		98
26) 2-Nitrophenol	9.62	139	68284	41.52	ng		91
27) 2,4-Dimethylphenol	9.70	122	125613	46.41	ng		96
28) bis(2-Chloroethoxy)methane	9.92	93	146425	43.40	ng		91
29) 2,4-Dichlorophenol	10.17	162	121174	47.46	ng		97
30) 1,2,4-Trichlorobenzene	10.37	180	111961	38.65	ng		94
31) Naphthalene	10.55	128	355341	41.37	ng		97
32) Benzoic acid	9.84	122	81293	44.32	ng		91
33) 4-Chloroaniline	10.67	127	75688	18.63	ng		99
34) Hexachlorobutadiene	10.84	225	71478	38.97	ng		100
35) Caprolactam	11.44	113	57710m	44.95	ng		
36) 4-Chloro-3-methylphenol	11.82	107	150802	46.74	ng		99
37) 2-Methylnaphthalene	12.17	142	270949	39.77	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	129830	38.54	ng		99
40) Hexachlorocyclopentadiene	12.52	237	163640	79.64	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	100258	41.96	ng		93
43) 2,4,5-Trichlorophenol	12.89	196	108982	44.27	ng		95
45) 1,1'-Biphenyl	13.19	154	350770	40.90	ng		99
46) 2-Chloronaphthalene	13.23	162	282201	41.56	ng		99
47) 2-Nitroaniline	13.45	65	118054	44.69	ng		97
48) Acenaphthylene	14.09	152	477158	41.03	ng		98
49) Dimethylphthalate	13.83	163	383426	41.19	ng		96
50) 2,6-Dinitrotoluene	13.94	165	91948	44.57	ng		99
51) Acenaphthene	14.43	154	285004	41.49	ng		99
52) 3-Nitroaniline	14.28	138	71595	31.28	ng		95
53) 2,4-Dinitrophenol	14.49	184	111712	93.27	ng		96
54) Dibenzofuran	14.76	168	436385	42.74	ng		97
55) 4-Nitrophenol	14.63	139	177018	96.05	ng		93
56) 2,4-Dinitrotoluene	14.74	165	129958	45.16	ng	#	88
57) Fluorene	15.41	166	386823	42.80	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.00	232	99483	44.03	ng		97
59) Diethylphthalate	15.20	149	414128	41.41	ng		99
60) 4-Chlorophenyl-phenylether	15.41	204	196164	42.25	ng		100
61) 4-Nitroaniline	15.45	138	112965	44.24	ng		98
62) Azobenzene	15.70	77	441552	46.22	ng		96
64) 4,6-Dinitro-2-methylphenol	15.50	198	76282	39.31	ng		94
65) n-Nitrosodiphenylamine	15.63	169	344660	39.65	ng		99
66) 4-Bromophenyl-phenylether	16.30	248	120193	38.92	ng		96
67) Hexachlorobenzene	16.41	284	125145	38.40	ng		98
68) Atrazine	16.58	200	125813	39.57	ng		99
69) Pentachlorophenol	16.77	266	176092	86.56	ng		96
70) Phenanthrene	17.15	178	607630	41.62	ng		99
71) Anthracene	17.24	178	624424	42.20	ng		97
72) Carbazole	17.52	167	616431	45.33	ng		99
73) Di-n-butylphthalate	18.08	149	807823	44.40	ng		99
74) Fluoranthene	19.17	202	779591	44.46	ng		95
76) Benzidine	19.36	184	243873	23.80	ng		96
77) Pyrene	19.54	202	799344	41.52	ng		99
79) Butylbenzylphthalate	20.44	149	370092	42.28	ng		98
80) Benzo(a)anthracene	21.28	228	730303	40.61	ng		99
81) 3,3'-Dichlorobenzidine	21.22	252	212693	30.56	ng		98
82) Chrysene	21.33	228	674207	40.25	ng		98
83) Bis(2-ethylhexyl)phthalate	21.21	149	509440	40.95	ng		99
84) Di-n-octyl phthalate	22.09	149	862072	41.62	ng		100
85) Indeno(1,2,3-cd)pyrene	25.88	276	804082	40.11	ng		97
87) Benzo(b)fluoranthene	22.88	252	743180	44.79	ng		99
88) Benzo(k)fluoranthene	22.92	252	674296	42.80	ng		99
89) Benzo(a)pyrene	23.46	252	693014	45.48	ng		98
90) Dibenzo(a,h)anthracene	25.89	278	683570	43.70	ng		98
91) Benzo(g,h,i)perylene	26.59	276	658049	44.69	ng	#	96

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

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