Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
Data File : BG016113.D
Acq On : 25 Mar 2015 21:26
Operator : TP/IZ
Sample : PB82319BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB82319BS

Manual Integrations APPROVED
apatel
3/27/2015 10:47:31 AM

Quant Time: Mar 26 15:55:07 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 15:24:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	61547	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	274906	20.00	ng		0.00
38) Acenaphthene-d10	14.42	164	170419	20.00	ng		0.00
63) Phenanthrene-d10	17.16	188	381672	20.00	ng		0.00
75) Chrysene-d12	21.33	240	417571	20.00	ng		0.00
86) Perylene-d12	23.61	264	399748	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	437195	118.89	ng		0.00
7) Phenol-d6	6.96	99	599416	117.10	ng		0.00
23) Nitrobenzene-d5	8.95	82	308333	69.54	ng		0.00
41) 2,4,6-Tribromophenol	15.91	330	226825	115.91	ng		0.00
44) 2-Fluorobiphenyl	13.04	172	752452	73.91	ng		0.00
78) Terphenyl-d14	19.78	244	1204135	72.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	45923	30.92	ng		95
3) Pyridine	3.69	79	133575	28.77	ng		98
4) n-Nitrosodimethylamine	3.61	42	43536	31.87	ng		98
6) Aniline	7.12	93	126460	17.32	ng		100
8) 2-Chlorophenol	7.36	128	161016	36.90	ng		98
9) Benzaldehyde	6.93	77	8418	3.94	ng		98
10) Phenol	6.99	94	212505	37.77	ng		100
11) bis(2-Chloroethyl)ether	7.22	93	151683	33.25	ng		97
12) 1,3-Dichlorobenzene	7.68	146	155728	33.02	ng		99
13) 1,4-Dichlorobenzene	7.83	146	157652	32.23	ng		98
14) 1,2-Dichlorobenzene	8.15	146	153688	33.23	ng		99
15) Benzyl Alcohol	8.03	79	126073	33.32	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.33	45	162172	31.63	ng		99
17) 2-Methylphenol	8.23	107	141532	35.67	ng		99
18) Hexachloroethane	8.87	117	56585	32.27	ng		98
19) n-Nitroso-di-n-propylamine	8.59	70	114505	30.53	ng		99
20) 3+4-Methylphenols	8.56	107	190914	35.48	ng		97
22) Acetophenone	8.61	105	212798	34.41	ng	#	99
24) Nitrobenzene	8.99	77	157591	33.01	ng		96
25) Isophorone	9.51	82	323262	32.13	ng		100
26) 2-Nitrophenol	9.70	139	89245	34.51	ng		99
27) 2,4-Dimethylphenol	9.75	122	163149	37.62	ng		100
28) bis(2-Chloroethoxy)methane	10.00	93	200092	34.64	ng		99
29) 2,4-Dichlorophenol	10.22	162	147431	38.67	ng		99
30) 1,2,4-Trichlorobenzene	10.44	180	134082	32.66	ng		99
31) Naphthalene	10.63	128	480717	32.63	ng		100
32) Benzoic acid	9.88	122	90340	33.28	ng		96
33) 4-Chloroaniline	10.74	127	43791	6.79	ng		97
34) Hexachlorobutadiene	10.91	225	71867	32.18	ng		98
35) Caprolactam	11.50	113	74254m	35.87	ng		
36) 4-Chloro-3-methylphenol	11.86	107	163419	36.34	ng		100
37) 2-Methylnaphthalene	12.24	142	358114	34.05	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	148569	34.61	ng		99
40) Hexachlorocyclopentadiene	12.59	237	186713	74.40	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	108481	35.38	ng	98
43) 2,4,5-Trichlorophenol	12.92	196	118172	35.34	ng	98
45) 1,1'-Biphenyl	13.25	154	437300	34.99	ng	99
46) 2-Chloronaphthalene	13.29	162	331409	34.00	ng	98
47) 2-Nitroaniline	13.50	65	99315	35.47	ng	99
48) Acenaphthylene	14.14	152	589808	33.11	ng	100
49) Dimethylphthalate	13.88	163	425471	35.60	ng	99
50) 2,6-Dinitrotoluene	14.00	165	103749	36.61	ng	97
51) Acenaphthene	14.48	154	354846	33.03	ng	99
52) 3-Nitroaniline	14.32	138	51130	14.73	ng	95
53) 2,4-Dinitrophenol	14.53	184	120654	70.12	ng	97
54) Dibenzofuran	14.82	168	528168	35.18	ng	100
55) 4-Nitrophenol	14.63	139	217775	77.46	ng	100
56) 2,4-Dinitrotoluene	14.78	165	147050	37.87	ng	97
57) Fluorene	15.46	166	463385	34.59	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.04	232	111493	37.41	ng	99
59) Diethylphthalate	15.24	149	446625	36.35	ng	99
60) 4-Chlorophenyl-phenylether	15.46	204	209881	35.62	ng	99
61) 4-Nitroaniline	15.48	138	134018	34.13	ng	97
62) Azobenzene	15.75	77	438278	34.63	ng	99
64) 4,6-Dinitro-2-methylphenol	15.54	198	86394	34.06	ng	96
65) n-Nitrosodiphenylamine	15.67	169	410603	33.74	ng	100
66) 4-Bromophenyl-phenylether	16.35	248	133659	34.13	ng	94
67) Hexachlorobenzene	16.46	284	146726	33.34	ng	96
68) Atrazine	16.62	200	142610	39.38	ng	100
69) Pentachlorophenol	16.80	266	192720	76.78	ng	98
70) Phenanthrene	17.20	178	724547	33.83	ng	100
71) Anthracene	17.29	178	731380	34.34	ng	99
72) Carbazole	17.56	167	737703	35.29	ng	100
73) Di-n-butylphthalate	18.12	149	857954	36.30	ng	99
74) Fluoranthene	19.21	202	848298	35.56	ng	99
76) Benzidine	19.39	184	198097	18.11	ng	99
77) Pyrene	19.57	202	883614	34.32	ng	100
79) Butylbenzylphthalate	20.47	149	392528	36.55	ng	96
80) Benzo(a)anthracene	21.31	228	806569	34.06	ng	99
81) 3,3'-Dichlorobenzidine	21.25	252	124635	15.14	ng	100
82) Chrysene	21.36	228	751151	34.62	ng	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	519875	35.25	ng	98
84) Di-n-octyl phthalate	22.12	149	878317	35.32	ng	99
85) Indeno(1,2,3-cd)pyrene	25.95	276	908877	32.58	ng	100
87) Benzo(b)fluoranthene	22.92	252	767385	33.17	ng	100
88) Benzo(k)fluoranthene	22.96	252	776513	34.46	ng	98
89) Benzo(a)pyrene	23.51	252	759346	35.20	ng	99
90) Dibenzo(a,h)anthracene	25.96	278	761371	33.87	ng	99
91) Benzo(g,h,i)perylene	26.67	276	752316	33.77	ng	98

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

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