Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080316.D
Acq On : 2 Jul 2015 19:00
Operator : TP/UM
Sample : PB84340BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

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apatel
7/6/2015 3:33:34 PM

Quant Time: Jul 03 04:53:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 03 03:51:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	35561	20.00	ng		0.00
21) Naphthalene-d8	8.53	136	133147	20.00	ng		0.00
38) Acenaphthene-d10	10.30	164	63965	20.00	ng		0.00
63) Phenanthrene-d10	11.81	188	133852	20.00	ng		0.00
75) Chrysene-d12	14.88	240	144379	20.00	ng		0.02
86) Perylene-d12	16.80	264	136102	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	167665	81.65	ng		0.00
7) Phenol-d6	6.84	99	204587	74.22	ng		0.00
23) Nitrobenzene-d5	7.80	82	192252	79.50	ng		0.00
41) 2,4,6-Tribromophenol	11.09	330	58168	95.50	ng		0.00
44) 2-Fluorobiphenyl	9.61	172	413205	92.98	ng		0.00
78) Terphenyl-d14	13.55	244	468993	76.09	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	26718	108.42	ng	#	100
3) Pyridine	3.90	79	82287	32.37	ng		99
4) n-Nitrosodimethylamine	3.80	42	44280	39.11	ng		99
6) Aniline	6.90	93	99135	26.89	ng		89
8) 2-Chlorophenol	7.02	128	90590	40.16	ng		95
9) Benzaldehyde	6.78	77	46063	30.58	ng		95
10) Phenol	6.86	94	101601	33.32	ng		85
11) bis(2-Chloroethyl)ether	6.96	93	77759	33.72	ng		92
12) 1,3-Dichlorobenzene	7.18	146	102105	37.08	ng		97
13) 1,4-Dichlorobenzene	7.26	146	94433m	34.45	ng		
14) 1,2-Dichlorobenzene	7.41	146	97015	35.62	ng		96
15) Benzyl Alcohol	7.37	79	78684	37.08	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.50	45	131168	37.07	ng		99
17) 2-Methylphenol	7.48	107	65842	33.76	ng	#	93
18) Hexachloroethane	7.77	117	30863	36.06	ng	#	69
19) n-Nitroso-di-n-propylamine	7.64	70	58690	32.02	ng	#	87
20) 3+4-Methylphenols	7.63	107	92503	35.71	ng		90
22) Acetophenone	7.64	105	125995	40.50	ng	#	93
24) Nitrobenzene	7.81	77	89087	35.53	ng		94
25) Isophorone	8.05	82	170337	36.24	ng		95
26) 2-Nitrophenol	8.14	139	38909	35.53	ng	#	74
27) 2,4-Dimethylphenol	8.17	122	76468	38.04	ng		94
28) bis(2-Chloroethoxy)methane	8.26	93	107724	38.19	ng		98
29) 2,4-Dichlorophenol	8.38	162	70507	37.97	ng		88
30) 1,2,4-Trichlorobenzene	8.48	180	74076	34.20	ng	#	92
31) Naphthalene	8.56	128	259811	38.31	ng		99
32) Benzoic acid	8.22	122	19750	42.93	ng		91
33) 4-Chloroaniline	8.59	127	66947m	23.26	ng		
34) Hexachlorobutadiene	8.67	225	47635	34.91	ng		97
35) Caprolactam	8.93	113	21337	37.88	ng	#	79
36) 4-Chloro-3-methylphenol	9.06	107	71005	35.32	ng		86
37) 2-Methylnaphthalene	9.25	142	168143	36.21	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	76597	35.98	ng	#	98
40) Hexachlorocyclopentadiene	9.40	237	66890	79.80	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	49441	36.69	ng		100
43) 2,4,5-Trichlorophenol	9.56	196	59897	41.26	ng	#	91
45) 1,1'-Biphenyl	9.71	154	227826	41.88	ng		98
46) 2-Chloronaphthalene	9.74	162	161160	38.28	ng	#	90
47) 2-Nitroaniline	9.82	65	50448	41.66	ng	#	78
48) Acenaphthylene	10.16	152	263603	36.05	ng		100
49) Dimethylphthalate	10.00	163	195681	40.05	ng		98
50) 2,6-Dinitrotoluene	10.06	165	44924	44.97	ng	#	70
51) Acenaphthene	10.34	154	171096	40.64	ng		87
52) 3-Nitroaniline	10.24	138	34892	30.45	ng	#	81
53) 2,4-Dinitrophenol	10.34	184	35023	83.92	ng	#	81
54) Dibenzofuran	10.51	168	240552	40.49	ng		91
55) 4-Nitrophenol	10.38	139	75022	88.58	ng	#	75
56) 2,4-Dinitrotoluene	10.48	165	52598	40.61	ng	#	66
57) Fluorene	10.85	166	204809	41.56	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.62	232	49156	43.45	ng		95
59) Diethylphthalate	10.70	149	205040	44.15	ng	#	93
60) 4-Chlorophenyl-phenylether	10.84	204	89565	40.19	ng	#	82
61) 4-Nitroaniline	10.85	138	43073	36.99	ng		80
62) Azobenzene	11.00	77	179989	37.68	ng		83
64) 4,6-Dinitro-2-methylphenol	10.89	198	25962	46.54	ng	#	49
65) n-Nitrosodiphenylamine	10.96	169	162253	36.89	ng		99
66) 4-Bromophenyl-phenylether	11.33	248	58577	40.49	ng	#	82
67) Hexachlorobenzene	11.41	284	61944	39.95	ng	#	78
68) Atrazine	11.47	200	47693	35.87	ng		91
69) Pentachlorophenol	11.61	266	63475	75.82	ng		99
70) Phenanthrene	11.84	178	317281	39.56	ng		100
71) Anthracene	11.89	178	304103	39.52	ng		98
72) Carbazole	12.04	167	277870	38.62	ng	#	98
73) Di-n-butylphthalate	12.38	149	318739	41.29	ng		100
74) Fluoranthene	13.13	202	327890	39.57	ng		99
76) Benzidine	13.25	184	188762	44.65	ng		99
77) Pyrene	13.39	202	341571	36.96	ng		100
79) Butylbenzylphthalate	14.12	149	132439	37.38	ng	#	82
80) Benzo(a)anthracene	14.87	228	334363	38.32	ng		99
81) 3,3'-Dichlorobenzidine	14.81	252	71783	25.20	ng		100
82) Chrysene	14.91	228	308212	38.32	ng		98
83) Bis(2-ethylhexyl)phthalate	14.85	149	192009	38.50	ng		97
84) Di-n-octyl phthalate	15.71	149	321981	38.31	ng		98
85) Indeno(1,2,3-cd)pyrene	18.60	276	355273	39.29	ng		98
87) Benzo(b)fluoranthene	16.27	252	322859	37.56	ng		100
88) Benzo(k)fluoranthene	16.31	252	303355	37.47	ng		98
89) Benzo(a)pyrene	16.73	252	311230	39.72	ng	#	97
90) Dibenzo(a,h)anthracene	18.63	278	300196	40.84	ng		95
91) Benzo(g,h,i)perylene	19.14	276	298723	38.95	ng		97

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

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