Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080315.D
Acq On : 2 Jul 2015 18:31
Operator : TP/UM
Sample : PB84340BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Manual Integrations APPROVED
apatel
7/6/2015 3:33:30 PM

Quant Time: Jul 03 04:52:25 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	31380	20.00	ng		0.00
21) Naphthalene-d8	8.53	136	119015	20.00	ng		0.00
38) Acenaphthene-d10	10.30	164	56158	20.00	ng		0.00
63) Phenanthrene-d10	11.80	188	112396	20.00	ng		-0.01
75) Chrysene-d12	14.81	240	130921	20.00	ng		-0.05
86) Perylene-d12	16.75	264	124103	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	136175	75.15	ng		0.00
7) Phenol-d6	6.84	99	167693	68.94	ng		0.00
23) Nitrobenzene-d5	7.80	82	148099	68.51	ng		0.00
41) 2,4,6-Tribromophenol	11.09	330	44126	82.52	ng		0.00
44) 2-Fluorobiphenyl	9.61	172	327609	83.96	ng		0.00
78) Terphenyl-d14	13.49	244	367288	65.71	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	23998	110.36	ng	#	100
3) Pyridine	3.90	79	73074	32.58	ng		99
4) n-Nitrosodimethylamine	3.80	42	36853	36.89	ng		100
6) Aniline	6.90	93	83377	25.63	ng		90
8) 2-Chlorophenol	7.02	128	73986	37.17	ng		97
9) Benzaldehyde	6.78	77	38355	28.85	ng		96
10) Phenol	6.86	94	85785	31.88	ng		84
11) bis(2-Chloroethyl)ether	6.96	93	66583	32.72	ng		93
12) 1,3-Dichlorobenzene	7.18	146	87047	35.83	ng		99
13) 1,4-Dichlorobenzene	7.26	146	79330m	32.79	ng		
14) 1,2-Dichlorobenzene	7.41	146	82687	34.40	ng		96
15) Benzyl Alcohol	7.37	79	67083	35.82	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.50	45	106727	34.18	ng		99
17) 2-Methylphenol	7.47	107	53877	31.31	ng		96
18) Hexachloroethane	7.77	117	26253	34.76	ng	#	67
19) n-Nitroso-di-n-propylamine	7.63	70	46519	28.76	ng		92
20) 3+4-Methylphenols	7.63	107	77597	33.95	ng		89
22) Acetophenone	7.64	105	108450	39.00	ng	#	93
24) Nitrobenzene	7.81	77	73070	32.60	ng		94
25) Isophorone	8.05	82	142980	34.03	ng		96
26) 2-Nitrophenol	8.14	139	31903	32.59	ng	#	74
27) 2,4-Dimethylphenol	8.17	122	63857	35.54	ng		94
28) bis(2-Chloroethoxy)methane	8.26	93	88851	35.24	ng		97
29) 2,4-Dichlorophenol	8.38	162	58296	35.13	ng		90
30) 1,2,4-Trichlorobenzene	8.48	180	62415	32.24	ng		92
31) Naphthalene	8.56	128	218607m	36.06	ng		
32) Benzoic acid	8.22	122	13957	33.94	ng		95
33) 4-Chloroaniline	8.59	127	61756m	24.01	ng		
34) Hexachlorobutadiene	8.67	225	38447	31.53	ng		98
35) Caprolactam	8.92	113	16435	32.64	ng		92
36) 4-Chloro-3-methylphenol	9.06	107	59248	32.98	ng		86
37) 2-Methylnaphthalene	9.24	142	137772	33.19	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	63906	34.20	ng	#	98
40) Hexachlorocyclopentadiene	9.40	237	53202	73.00	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	38775	32.78	ng		99
43) 2,4,5-Trichlorophenol	9.56	196	48223	37.84	ng	#	92
45) 1,1'-Biphenyl	9.71	154	183884	38.51	ng		97
46) 2-Chloronaphthalene	9.74	162	132215	35.77	ng	#	91
47) 2-Nitroaniline	9.82	65	40344	37.95	ng	#	81
48) Acenaphthylene	10.16	152	215553	33.58	ng		99
49) Dimethylphthalate	10.00	163	159192	37.11	ng		99
50) 2,6-Dinitrotoluene	10.06	165	35391	40.36	ng	#	68
51) Acenaphthene	10.34	154	141838	38.37	ng		91
52) 3-Nitroaniline	10.24	138	31876	31.69	ng		84
53) 2,4-Dinitrophenol	10.35	184	26359	76.46	ng	#	1
54) Dibenzofuran	10.51	168	195865	37.55	ng		92
55) 4-Nitrophenol	10.38	139	61113	82.19	ng	#	73
56) 2,4-Dinitrotoluene	10.48	165	43747	38.47	ng	#	67
57) Fluorene	10.85	166	167453	38.70	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.62	232	39473	39.74	ng		96
59) Diethylphthalate	10.70	149	165822	40.67	ng		95
60) 4-Chlorophenyl-phenylether	10.84	204	74578	38.12	ng	#	83
61) 4-Nitroaniline	10.85	138	35187	34.42	ng		80
62) Azobenzene	11.00	77	146993	35.05	ng		85
64) 4,6-Dinitro-2-methylphenol	10.89	198	20810	45.24	ng	#	47
65) n-Nitrosodiphenylamine	10.96	169	133112	36.04	ng		98
66) 4-Bromophenyl-phenylether	11.33	248	47917	39.45	ng	#	85
67) Hexachlorobenzene	11.41	284	51143	39.28	ng	#	83
68) Atrazine	11.47	200	40135	35.95	ng		91
69) Pentachlorophenol	11.61	266	48320	69.36	ng		98
70) Phenanthrene	11.84	178	256964	38.16	ng		100
71) Anthracene	11.88	178	243102	37.63	ng		100
72) Carbazole	12.04	167	226042	37.41	ng		99
73) Di-n-butylphthalate	12.37	149	242159	37.36	ng		99
74) Fluoranthene	13.09	202	269040	38.67	ng		98
76) Benzidine	13.21	184	168469	43.94	ng		99
77) Pyrene	13.34	202	287918	34.36	ng		100
79) Butylbenzylphthalate	14.05	149	105998	32.99	ng	#	76
80) Benzo(a)anthracene	14.80	228	284146	35.92	ng		99
81) 3,3'-Dichlorobenzidine	14.74	252	61555	23.83	ng		99
82) Chrysene	14.84	228	266067	36.48	ng		99
83) Bis(2-ethylhexyl)phthalate	14.79	149	157995	34.93	ng		99
84) Di-n-octyl phthalate	15.64	149	257750	33.82	ng		100
85) Indeno(1,2,3-cd)pyrene	18.56	276	296789	36.19	ng		98
87) Benzo(b)fluoranthene	16.23	252	257688	32.87	ng		98
88) Benzo(k)fluoranthene	16.26	252	281979m	38.20	ng		
89) Benzo(a)pyrene	16.67	252	266414	37.29	ng		100
90) Dibenzo(a,h)anthracene	18.58	278	254221	37.93	ng	#	96
91) Benzo(g,h,i)perylene	19.09	276	256317	36.65	ng		95

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

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