Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080936.D
Acq On : 7 Aug 2015 19:59
Operator : TP/UM
Sample : PB84719BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84719BS

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:19:44 PM

Quant Time: Aug 08 05:59:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	53396	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	200831	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	98616	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	196788	20.00	ng		0.00
75) Chrysene-d12	13.95	240	150256	20.00	ng		-0.01
86) Perylene-d12	15.36	264	135851	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	380935	116.56	ng		0.02
7) Phenol-d6	6.44	99	499644	111.57	ng		0.00
23) Nitrobenzene-d5	7.38	82	339465	79.95	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	127728	117.90	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	558650	79.75	ng		0.00
78) Terphenyl-d14	12.91	244	610444	83.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	47276	30.50	ng		97
3) Pyridine	3.10	79	128052	29.13	ng		97
4) n-Nitrosodimethylamine	3.05	42	77774	34.66	ng		96
6) Aniline	6.46	93	159964	24.31	ng		100
8) 2-Chlorophenol	6.59	128	148941	39.39	ng		94
9) Benzaldehyde	6.35	77	12352	4.09	ng		91
10) Phenol	6.45	94	195699	36.83	ng		93
11) bis(2-Chloroethyl)ether	6.54	93	140414	35.39	ng		99
12) 1,3-Dichlorobenzene	6.75	146	143149	35.67	ng		98
13) 1,4-Dichlorobenzene	6.83	146	136123	32.64	ng		97
14) 1,2-Dichlorobenzene	6.98	146	140372	37.23	ng		99
15) Benzyl Alcohol	6.96	79	115067	31.40	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	279583	35.03	ng		97
17) 2-Methylphenol	7.07	107	130767	40.51	ng		98
18) Hexachloroethane	7.32	117	56157	35.15	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	117009	35.75	ng		96
20) 3+4-Methylphenols	7.22	107	141429	34.88	ng		97
22) Acetophenone	7.22	105	192520	39.12	ng	#	96
24) Nitrobenzene	7.39	77	155420	35.55	ng		97
25) Isophorone	7.63	82	285419	34.96	ng	#	94
26) 2-Nitrophenol	7.71	139	75169	40.87	ng		95
27) 2,4-Dimethylphenol	7.76	122	140099	40.68	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	175126	35.73	ng		98
29) 2,4-Dichlorophenol	7.95	162	113164	39.99	ng		100
30) 1,2,4-Trichlorobenzene	8.04	180	114939	37.16	ng		99
31) Naphthalene	8.11	128	394513	35.64	ng		99
32) Benzoic acid	7.87	122	91523	44.39	ng		95
33) 4-Chloroaniline	8.17	127	95162	21.15	ng	#	92
34) Hexachlorobutadiene	8.24	225	66555	36.16	ng		98
35) Caprolactam	8.52	113	41698m	40.96	ng		
36) 4-Chloro-3-methylphenol	8.65	107	133481	38.66	ng		97
37) 2-Methylnaphthalene	8.81	142	276699	39.27	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	106241	34.95	ng		99
40) Hexachlorocyclopentadiene	8.97	237	122751	73.99	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	73691	33.07	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	89654	39.93	ng	#	82
45) 1,1'-Biphenyl	9.28	154	321726	38.01	ng		99
46) 2-Chloronaphthalene	9.30	162	242874	36.81	ng		96
47) 2-Nitroaniline	9.39	65	113620	42.94	ng		96
48) Acenaphthylene	9.71	152	451402	39.35	ng		100
49) Dimethylphthalate	9.57	163	281087	34.31	ng		100
50) 2,6-Dinitrotoluene	9.63	165	59738	35.30	ng		95
51) Acenaphthene	9.88	154	299809	42.67	ng		100
52) 3-Nitroaniline	9.80	138	55618	26.66	ng		83
53) 2,4-Dinitrophenol	9.90	184	69456	68.51	ng	#	82
54) Dibenzofuran	10.05	168	384581	40.48	ng		99
55) 4-Nitrophenol	9.96	139	112150	71.81	ng	#	61
56) 2,4-Dinitrotoluene	10.03	165	83099	36.70	ng		99
57) Fluorene	10.40	166	294185	40.03	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	70381m	39.61	ng		
59) Diethylphthalate	10.27	149	305074	35.78	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	118929	33.21	ng		99
61) 4-Nitroaniline	10.41	138	72494	33.77	ng		98
62) Azobenzene	10.54	77	358340	37.58	ng		100
64) 4,6-Dinitro-2-methylphenol	10.44	198	51613	42.32	ng		92
65) n-Nitrosodiphenylamine	10.51	169	272529	39.86	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	84254	40.42	ng		95
67) Hexachlorobenzene	10.93	284	83939	36.22	ng	#	55
68) Atrazine	11.04	200	82714	41.26	ng		98
69) Pentachlorophenol	11.13	266	100793	74.81	ng		97
70) Phenanthrene	11.34	178	427215	38.34	ng		99
71) Anthracene	11.40	178	437867	39.69	ng		99
72) Carbazole	11.55	167	418072	38.92	ng	#	97
73) Di-n-butylphthalate	11.89	149	529826	39.45	ng		99
74) Fluoranthene	12.53	202	494355	41.04	ng		99
76) Benzidine	12.66	184	166370	21.75	ng		97
77) Pyrene	12.76	202	525634	47.35	ng		100
79) Butylbenzylphthalate	13.39	149	241614	45.15	ng		97
80) Benzo(a)anthracene	13.94	228	397927	41.93	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	111755	32.37	ng	#	96
82) Chrysene	13.99	228	412834	45.43	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	322597	43.33	ng		98
84) Di-n-octyl phthalate	14.56	149	603736	47.83	ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	345728	39.98	ng		100
87) Benzo(b)fluoranthene	14.96	252	435627m	46.11	ng		
88) Benzo(k)fluoranthene	14.99	252	265081m	32.08	ng		
89) Benzo(a)pyrene	15.30	252	318699	39.25	ng	#	95
90) Dibenzo(a,h)anthracene	16.73	278	293429	40.86	ng		98
91) Benzo(g,h,i)perylene	17.13	276	293629	42.04	ng		94

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

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