Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083713.D
Acq On : 11 Dec 2015 23:47
Operator : UM/IZ
Sample : PB87230BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87230BS

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:32 PM

Quant Time: Dec 12 02:54:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 19:24:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	132923	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	547093	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	251153	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	475216	20.00	ng		0.00
75) Chrysene-d12	14.08	240	321044	20.00	ng		0.00
86) Perylene-d12	15.51	264	262469	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	902596	104.58	ng		0.01
7) Phenol-d6	6.54	99	1045923	98.12	ng		0.00
23) Nitrobenzene-d5	7.48	82	613119	76.00	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	295684	121.63	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1205012	70.67	ng		0.00
78) Terphenyl-d14	13.02	244	1164281	81.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	121896	28.88	ng	#	86
3) Pyridine	3.38	79	325656	29.69	ng		88
4) n-Nitrosodimethylamine	3.32	42	145390	32.61	ng	#	69
6) Aniline	6.58	93	249290	17.08	ng	#	85
8) 2-Chlorophenol	6.70	128	315126	33.41	ng		96
9) Benzaldehyde	6.46	77	171285	29.17	ng		95
10) Phenol	6.56	94	363455	29.35	ng		85
11) bis(2-Chloroethyl)ether	6.66	93	325301	35.99	ng		89
12) 1,3-Dichlorobenzene	6.86	146	343751	33.02	ng		98
13) 1,4-Dichlorobenzene	6.94	146	365182	34.73	ng		96
14) 1,2-Dichlorobenzene	7.09	146	312845	32.35	ng		97
15) Benzyl Alcohol	7.06	79	267936	35.78	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	388091	31.01	ng		68
17) 2-Methylphenol	7.17	107	271431	35.65	ng	#	86
18) Hexachloroethane	7.45	117	123903	34.81	ng		100
19) n-Nitroso-di-n-propylamine	7.33	70	201541	32.44	ng		95
20) 3+4-Methylphenols	7.32	107	329319	35.14	ng	#	76
22) Acetophenone	7.33	105	435902	33.32	ng	#	95
24) Nitrobenzene	7.50	77	349236	38.70	ng	#	80
25) Isophorone	7.74	82	615251	34.12	ng		95
26) 2-Nitrophenol	7.82	139	156959	42.23	ng	#	77
27) 2,4-Dimethylphenol	7.86	122	312919	34.61	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	362018	35.11	ng	#	96
29) 2,4-Dichlorophenol	8.06	162	280143	37.47	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	282523	34.09	ng		95
31) Naphthalene	8.24	128	944692	34.98	ng		100
32) Benzoic acid	7.96	122	179993	37.82	ng		90
33) 4-Chloroaniline	8.27	127	93839m	8.35	ng		
34) Hexachlorobutadiene	8.36	225	155521	33.77	ng		97
35) Caprolactam	8.62	113	89556m	37.27	ng		
36) 4-Chloro-3-methylphenol	8.75	107	285269	34.86	ng		94
37) 2-Methylnaphthalene	8.92	142	629128	36.92	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	272519	34.78	ng	#	100
40) Hexachlorocyclopentadiene	9.08	237	288141	77.73	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	198171	36.91	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	174816	33.74	ng	#	92
45) 1,1'-Biphenyl	9.39	154	744882	34.01	ng		96
46) 2-Chloronaphthalene	9.41	162	580839	35.18	ng		99
47) 2-Nitroaniline	9.49	65	146510	36.17	ng	#	84
48) Acenaphthylene	9.82	152	938507	34.50	ng		99
49) Dimethylphthalate	9.69	163	680440	35.21	ng		98
50) 2,6-Dinitrotoluene	9.74	165	141509	37.71	ng	#	55
51) Acenaphthene	10.00	154	598945	37.18	ng		100
52) 3-Nitroaniline	9.90	138	69978	16.63	ng	#	67
53) 2,4-Dinitrophenol	10.01	184	109448	87.64	ng	#	75
54) Dibenzofuran	10.17	168	794862	37.06	ng		93
55) 4-Nitrophenol	10.06	139	295156	82.53	ng	#	70
56) 2,4-Dinitrotoluene	10.14	165	212259	44.49	ng	#	56
57) Fluorene	10.51	166	617682	36.28	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	163272	42.55	ng	#	100
59) Diethylphthalate	10.38	149	625827	34.56	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	260802	32.11	ng	#	87
61) 4-Nitroaniline	10.51	138	129188	33.12	ng		95
62) Azobenzene	10.66	77	595545	34.54	ng		97
64) 4,6-Dinitro-2-methylphenol	10.54	198	82928	43.39	ng	#	83
65) n-Nitrosodiphenylamine	10.61	169	542771	34.41	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	177424	34.93	ng		94
67) Hexachlorobenzene	11.06	284	202680	36.63	ng		94
68) Atrazine	11.14	200	156991	34.90	ng		98
69) Pentachlorophenol	11.24	266	229522	74.34	ng		99
70) Phenanthrene	11.47	178	962429	37.10	ng		100
71) Anthracene	11.52	178	886093	33.09	ng		99
72) Carbazole	11.66	167	819231	33.32	ng	#	96
73) Di-n-butylphthalate	12.01	149	981613	36.64	ng		100
74) Fluoranthene	12.65	202	907119	33.42	ng		96
76) Benzidine	12.76	184	217563	17.58	ng		99
77) Pyrene	12.88	202	952143	37.61	ng		98
79) Butylbenzylphthalate	13.49	149	342721	42.23	ng	#	89
80) Benzo(a)anthracene	14.06	228	713896	37.95	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	106736	17.85	ng		98
82) Chrysene	14.10	228	699896	38.69	ng		100
83) Bis(2-ethylhexyl)phthalate	14.06	149	355616	40.51	ng		99
84) Di-n-octyl phthalate	14.67	149	492485	37.12	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.93	276	645289	33.84	ng	#	100
87) Benzo(b)fluoranthene	15.09	252	562628	34.49	ng		98
88) Benzo(k)fluoranthene	15.12	252	543068m	34.91	ng		
89) Benzo(a)pyrene	15.45	252	537914	36.26	ng		99
90) Dibenzo(a,h)anthracene	16.96	278	543996	37.02	ng		97
91) Benzo(g,h,i)perylene	17.37	276	571388	36.87	ng		99

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

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