Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071415\
Data File : BF080482.D
Acq On : 15 Jul 2015 9:36
Operator : TP/UM
Sample : PB84491BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Manual Integrations APPROVED
apatel
7/16/2015 8:21:51 AM

Quant Time: Jul 15 15:53:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 15 03:58:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	22746	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	99233	20.00	ng		0.00
38) Acenaphthene-d10	10.17	164	49914	20.00	ng		-0.01
63) Phenanthrene-d10	11.67	188	100938	20.00	ng		0.00
75) Chrysene-d12	14.52	240	117641	20.00	ng		0.05
86) Perylene-d12	16.27	264	133309	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	131817	94.72	ng		0.00
7) Phenol-d6	6.76	99	171016	100.42	ng		-0.01
23) Nitrobenzene-d5	7.69	82	107444	59.27	ng		0.00
41) 2,4,6-Tribromophenol	10.97	330	41858	88.72	ng		0.00
44) 2-Fluorobiphenyl	9.48	172	224663	61.67	ng		0.00
78) Terphenyl-d14	13.30	244	278383	57.04	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	12679	22.62	ng	#	87
3) Pyridine	3.86	79	29848	24.51	ng		95
4) n-Nitrosodimethylamine	3.68	42	21277	30.15	ng		89
6) Aniline	6.80	93	53590	21.68	ng		97
8) 2-Chlorophenol	6.92	128	44014	30.15	ng		93
9) Benzaldehyde	6.68	77	14746	14.18	ng		97
10) Phenol	6.78	94	57053	29.06	ng		97
11) bis(2-Chloroethyl)ether	6.85	93	42061	28.18	ng		98
12) 1,3-Dichlorobenzene	7.06	146	47530	27.92	ng	#	86
13) 1,4-Dichlorobenzene	7.14	146	53209	28.75	ng		97
14) 1,2-Dichlorobenzene	7.30	146	50123	28.01	ng		98
15) Benzyl Alcohol	7.28	79	34463	28.28	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.39	45	74247	30.69	ng		77
17) 2-Methylphenol	7.39	107	34524	29.22	ng	#	91
18) Hexachloroethane	7.64	117	16694	27.38	ng	#	86
19) n-Nitroso-di-n-propylamine	7.53	70	30581	26.51	ng		97
20) 3+4-Methylphenols	7.54	107	51891	30.99	ng		89
22) Acetophenone	7.53	105	64317	27.62	ng	#	97
24) Nitrobenzene	7.71	77	50661	25.35	ng		97
25) Isophorone	7.94	82	93376	27.90	ng	#	95
26) 2-Nitrophenol	8.03	139	22676	26.16	ng		95
27) 2,4-Dimethylphenol	8.06	122	45619	28.70	ng		98
28) bis(2-Chloroethoxy)methane	8.14	93	54851	29.14	ng		99
29) 2,4-Dichlorophenol	8.27	162	40107	28.93	ng		93
30) 1,2,4-Trichlorobenzene	8.35	180	43581	25.27	ng		99
31) Naphthalene	8.43	128	140922	27.45	ng		99
32) Benzoic acid	8.16	122	22526	33.31	ng		90
33) 4-Chloroaniline	8.49	127	40089	19.62	ng		99
34) Hexachlorobutadiene	8.54	225	24160	27.65	ng		99
35) Caprolactam	8.83	113	9908	27.70	ng	#	51
36) 4-Chloro-3-methylphenol	8.97	107	41182	30.35	ng	#	77
37) 2-Methylnaphthalene	9.13	142	89942	25.72	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.29	216	42204	25.48	ng		99
40) Hexachlorocyclopentadiene	9.28	237	44926	56.70	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	25491	24.76	ng		97
43) 2,4,5-Trichlorophenol	9.45	196	29650	28.58	ng	#	79
45) 1,1'-Biphenyl	9.58	154	120493	28.05	ng		97
46) 2-Chloronaphthalene	9.62	162	84299	23.89	ng		96
47) 2-Nitroaniline	9.72	65	26717	26.25	ng		92
48) Acenaphthylene	10.03	152	145161	27.20	ng		99
49) Dimethylphthalate	9.88	163	116787	29.56	ng		99
50) 2,6-Dinitrotoluene	9.95	165	23418	27.54	ng	#	85
51) Acenaphthene	10.20	154	98474	30.34	ng		98
52) 3-Nitroaniline	10.13	138	19412	21.21	ng		91
53) 2,4-Dinitrophenol	10.22	184	21567	63.08	ng	#	54
54) Dibenzofuran	10.37	168	130067	28.41	ng		96
55) 4-Nitrophenol	10.30	139	32059	49.46	ng		90
56) 2,4-Dinitrotoluene	10.35	165	29559	30.68	ng	#	36
57) Fluorene	10.72	166	103064	28.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.50	232	26720	31.80	ng		94
59) Diethylphthalate	10.58	149	113940	29.14	ng		98
60) 4-Chlorophenyl-phenylether	10.70	204	51142	29.63	ng		91
61) 4-Nitroaniline	10.75	138	22288	26.84	ng		92
62) Azobenzene	10.87	77	113596	30.40	ng		96
64) 4,6-Dinitro-2-methylphenol	10.76	198	15529	32.08	ng	#	75
65) n-Nitrosodiphenylamine	10.82	169	85403	26.05	ng		99
66) 4-Bromophenyl-phenylether	11.20	248	30468	30.27	ng	#	84
67) Hexachlorobenzene	11.28	284	29323	26.77	ng	#	94
68) Atrazine	11.35	200	29866	31.27	ng		96
69) Pentachlorophenol	11.47	266	31143	61.72	ng		98
70) Phenanthrene	11.69	178	170766	29.11	ng		99
71) Anthracene	11.73	178	157680	28.59	ng		99
72) Carbazole	11.91	167	141648	28.35	ng		99
73) Di-n-butylphthalate	12.21	149	157509	29.71	ng	#	96
74) Fluoranthene	12.91	202	177928	30.76	ng		96
76) Benzidine	13.05	184	100919	28.95	ng		99
77) Pyrene	13.16	202	185446	26.78	ng		99
79) Butylbenzylphthalate	13.83	149	72752	28.76	ng	#	86
80) Benzo(a)anthracene	14.51	228	192927	28.14	ng		99
81) 3,3'-Dichlorobenzidine	14.47	252	45956	21.21	ng		97
82) Chrysene	14.56	228	180481	27.54	ng		100
83) Bis(2-ethylhexyl)phthalate	14.48	149	107354	29.21	ng		100
84) Di-n-octyl phthalate	15.23	149	188658	28.58	ng		99
85) Indeno(1,2,3-cd)pyrene	17.91	276	261504	28.09	ng		100
87) Benzo(b)fluoranthene	15.78	252	231992	30.46	ng		97
88) Benzo(k)fluoranthene	15.81	252	178387m	24.25	ng		
89) Benzo(a)pyrene	16.20	252	212423	28.32	ng	#	94
90) Dibenzo(a,h)anthracene	17.92	278	218486	25.68	ng		99
91) Benzo(g,h,i)perylene	18.41	276	216202	24.28	ng		99

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

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