Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
Data File : BF080285.D
Acq On : 1 Jul 2015 22:36
Operator : TP/UM
Sample : PB84302BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84302BS

Manual Integrations APPROVED
apatel
7/2/2015 2:39:48 PM

Quant Time: Jul 02 04:38:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 03:50:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	52942	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	203760	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	107689	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	226621	20.00	ng	0.00
75) Chrysene-d12	14.76	240	216085	20.00	ng	0.01
86) Perylene-d12	16.61	264	202384	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	192544	62.98	ng	0.00
7) Phenol-d6	6.87	99	242211	59.02	ng	0.00
23) Nitrobenzene-d5	7.82	82	209729	56.67	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	63283	61.72	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	452785	60.52	ng	0.00
78) Terphenyl-d14	13.50	244	477133	51.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	32741m	89.24	ng	
3) Pyridine	3.94	79	98901	26.14	ng	99
4) n-Nitrosodimethylamine	3.85	42	44996	26.70	ng	94
6) Aniline	6.92	93	112854	20.56	ng	99
8) 2-Chlorophenol	7.05	128	98733	29.40	ng	99
9) Benzaldehyde	6.81	77	56362	25.13	ng	99
10) Phenol	6.88	94	130207	28.69	ng	98
11) bis(2-Chloroethyl)ether	6.98	93	103790	30.23	ng	100
12) 1,3-Dichlorobenzene	7.21	146	112008	27.32	ng	99
13) 1,4-Dichlorobenzene	7.28	146	114840	28.14	ng	98
14) 1,2-Dichlorobenzene	7.44	146	114767	28.30	ng	99
15) Benzyl Alcohol	7.40	79	91826	29.06	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.53	45	152672	28.98	ng	100
17) 2-Methylphenol	7.50	107	84631	29.15	ng	98
18) Hexachloroethane	7.78	117	36442	28.60	ng	98
19) n-Nitroso-di-n-propylamine	7.66	70	74606	27.34	ng	98
20) 3+4-Methylphenols	7.65	107	110980	28.78	ng	99
22) Acetophenone	7.67	105	142188	29.87	ng	100
24) Nitrobenzene	7.84	77	111955	29.18	ng	99
25) Isophorone	8.08	82	204717	28.46	ng	99
26) 2-Nitrophenol	8.16	139	50772	30.30	ng	99
27) 2,4-Dimethylphenol	8.18	122	91036	29.59	ng	99
28) bis(2-Chloroethoxy)methane	8.29	93	125516	29.08	ng	99
29) 2,4-Dichlorophenol	8.40	162	89767	31.59	ng	98
30) 1,2,4-Trichlorobenzene	8.49	180	89036	26.86	ng	99
31) Naphthalene	8.58	128	283012m	27.27	ng	
32) Benzoic acid	8.24	122	20915	29.71	ng	94
33) 4-Chloroaniline	8.62	127	57605m	13.08	ng	
34) Hexachlorobutadiene	8.70	225	57458	27.52	ng	98
35) Caprolactam	8.95	113	24604	28.54	ng	99
36) 4-Chloro-3-methylphenol	9.09	107	95231	30.96	ng	97
37) 2-Methylnaphthalene	9.27	142	203909	28.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.44	216	97865	27.31	ng	99
40) Hexachlorocyclopentadiene	9.43	237	80771	59.36	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.54	196	60826	26.81	ng		97
43) 2,4,5-Trichlorophenol	9.59	196	65325	26.73	ng		98
45) 1,1'-Biphenyl	9.74	154	255237	27.87	ng		100
46) 2-Chloronaphthalene	9.76	162	185903	26.23	ng		98
47) 2-Nitroaniline	9.85	65	57958	28.43	ng		97
48) Acenaphthylene	10.18	152	322708	26.22	ng		99
49) Dimethylphthalate	10.02	163	245733	29.87	ng		100
50) 2,6-Dinitrotoluene	10.09	165	49282	29.30	ng		92
51) Acenaphthene	10.36	154	199000	28.08	ng		99
52) 3-Nitroaniline	10.26	138	34874	18.08	ng		99
53) 2,4-Dinitrophenol	10.37	184	35531	61.67	ng	#	1
54) Dibenzofuran	10.53	168	279215	27.91	ng		99
55) 4-Nitrophenol	10.41	139	78415	54.99	ng	#	61
56) 2,4-Dinitrotoluene	10.49	165	62091	28.47	ng		90
57) Fluorene	10.88	166	227698	27.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.65	232	53882	28.29	ng		97
59) Diethylphthalate	10.73	149	218866	27.99	ng	#	91
60) 4-Chlorophenyl-phenylether	10.86	204	102907	27.43	ng		96
61) 4-Nitroaniline	10.87	138	48297	24.63	ng		96
62) Azobenzene	11.02	77	214071	26.62	ng		97
64) 4,6-Dinitro-2-methylphenol	10.92	198	24595	32.36	ng	#	40
65) n-Nitrosodiphenylamine	10.97	169	187043	25.12	ng		100
66) 4-Bromophenyl-phenylether	11.36	248	66704	27.23	ng		96
67) Hexachlorobenzene	11.44	284	68559	26.12	ng		95
68) Atrazine	11.50	200	62857	27.92	ng		99
69) Pentachlorophenol	11.62	266	68235	50.56	ng		99
70) Phenanthrene	11.85	178	353317	26.02	ng		99
71) Anthracene	11.91	178	352056	27.02	ng		98
72) Carbazole	12.06	167	318082	26.11	ng		99
73) Di-n-butylphthalate	12.39	149	328721	25.15	ng	#	98
74) Fluoranthene	13.10	202	345795	24.65	ng		95
76) Benzidine	13.22	184	195680	30.92	ng		99
77) Pyrene	13.36	202	374859	27.10	ng		100
79) Butylbenzylphthalate	14.04	149	143162	26.99	ng	#	75
80) Benzo(a)anthracene	14.75	228	344319	26.37	ng		100
81) 3,3'-Dichlorobenzidine	14.69	252	60359	14.16	ng		99
82) Chrysene	14.79	228	319011	26.50	ng		99
83) Bis(2-ethylhexyl)phthalate	14.72	149	204171	27.35	ng		98
84) Di-n-octyl phthalate	15.52	149	340514	27.07	ng		98
85) Indeno(1,2,3-cd)pyrene	18.40	276	320116	23.65	ng		99
87) Benzo(b)fluoranthene	16.08	252	310448	24.29	ng	#	97
88) Benzo(k)fluoranthene	16.12	252	321451	26.70	ng	#	98
89) Benzo(a)pyrene	16.53	252	307808	26.42	ng		98
90) Dibenzo(a,h)anthracene	18.43	278	262239	23.99	ng		98
91) Benzo(g,h,i)perylene	18.94	276	282048	24.73	ng		99

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

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