Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080729.D
Acq On : 31 Jul 2015 12:32
Operator : TP/UM
Sample : PB84659BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Manual Integrations APPROVED
MMDadoda
8/3/2015 11:55:18 AM

Quant Time: Aug 01 01:10:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	148477	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	544788	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	293480	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	549817	20.00	ng		0.00
75) Chrysene-d12	14.00	240	335879	20.00	ng		0.00
86) Perylene-d12	15.41	264	267201	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1083948	125.24	ng		0.02
7) Phenol-d6	6.49	99	1478638	125.49	ng		0.00
23) Nitrobenzene-d5	7.41	82	1042613	92.68	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	466385	153.15	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1831921	93.12	ng		0.00
78) Terphenyl-d14	12.96	244	1790440	100.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	152044	35.62	ng		99
3) Pyridine	3.32	79	447675	37.80	ng		99
4) n-Nitrosodimethylamine	3.26	42	287881	42.53	ng		97
6) Aniline	6.52	93	357097	21.05	ng		98
8) 2-Chlorophenol	6.64	128	393264	40.54	ng		98
9) Benzaldehyde	6.40	77	39401	4.10	ng		87
10) Phenol	6.50	94	584229	42.85	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	383178	39.34	ng		99
12) 1,3-Dichlorobenzene	6.80	146	464065	42.97	ng		97
13) 1,4-Dichlorobenzene	6.88	146	447319	40.60	ng		97
14) 1,2-Dichlorobenzene	7.02	146	441278	43.82	ng		94
15) Benzyl Alcohol	7.00	79	358721	36.66	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	927592	44.57	ng		98
17) 2-Methylphenol	7.10	107	354803	44.56	ng		98
18) Hexachloroethane	7.37	117	174580	42.46	ng	#	91
19) n-Nitroso-di-n-propylamine	7.28	70	359598	45.32	ng	#	94
20) 3+4-Methylphenols	7.26	107	475016	48.35	ng		94
22) Acetophenone	7.26	105	570349	43.37	ng	#	93
24) Nitrobenzene	7.44	77	510908	45.33	ng		96
25) Isophorone	7.68	82	879898	43.98	ng		99
26) 2-Nitrophenol	7.76	139	221345m	48.38	ng		
27) 2,4-Dimethylphenol	7.79	122	426601	49.63	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	572247	48.28	ng		99
29) 2,4-Dichlorophenol	8.00	162	368356	48.22	ng		100
30) 1,2,4-Trichlorobenzene	8.08	180	351500	42.19	ng		99
31) Naphthalene	8.16	128	1130760	41.58	ng		99
32) Benzoic acid	7.92	122	292390	48.51	ng		99
33) 4-Chloroaniline	8.20	127	137185	11.96	ng	#	88
34) Hexachlorobutadiene	8.28	225	249566	46.40	ng		97
35) Caprolactam	8.57	113	115702m	50.57	ng		
36) 4-Chloro-3-methylphenol	8.69	107	409771	49.75	ng		97
37) 2-Methylnaphthalene	8.85	142	808704	47.38	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	334039	36.24	ng		98
40) Hexachlorocyclopentadiene	9.00	237	476799	84.09	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	262909	41.01	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	293792	46.20	ng		95
45) 1,1'-Biphenyl	9.31	154	865770	38.47	ng		94
46) 2-Chloronaphthalene	9.33	162	714561	38.88	ng	#	89
47) 2-Nitroaniline	9.44	65	335890	46.97	ng		92
48) Acenaphthylene	9.76	152	1287312	44.05	ng		100
49) Dimethylphthalate	9.62	163	891866	43.12	ng		99
50) 2,6-Dinitrotoluene	9.68	165	198958	45.33	ng		95
51) Acenaphthene	9.93	154	926449	51.96	ng		100
52) 3-Nitroaniline	9.84	138	104863	20.70	ng	#	42
53) 2,4-Dinitrophenol	9.95	184	265995	113.78	ng	#	67
54) Dibenzofuran	10.10	168	1088177	45.63	ng		99
55) 4-Nitrophenol	10.01	139	344087	92.21	ng		94
56) 2,4-Dinitrotoluene	10.08	165	255341	44.36	ng		87
57) Fluorene	10.44	166	854337	46.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	252080	52.56	ng		99
59) Diethylphthalate	10.32	149	889663	44.63	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	370211	46.30	ng		99
61) 4-Nitroaniline	10.45	138	185108	40.48	ng		93
62) Azobenzene	10.59	77	1094414	50.68	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	166407	50.26	ng	#	37
65) n-Nitrosodiphenylamine	10.56	169	782204	43.40	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	275110	48.47	ng		99
67) Hexachlorobenzene	10.98	284	279711	42.62	ng		96
68) Atrazine	11.07	200	101702	19.09	ng		99
69) Pentachlorophenol	11.17	266	347164	87.42	ng		98
70) Phenanthrene	11.39	178	1181951	42.67	ng		100
71) Anthracene	11.45	178	1271065	46.70	ng		99
72) Carbazole	11.60	167	1001018	42.37	ng		98
73) Di-n-butylphthalate	11.94	149	1468367	50.12	ng		100
74) Fluoranthene	12.58	202	1298978	48.50	ng		99
76) Benzidine	12.70	184	198138	16.20	ng		98
77) Pyrene	12.81	202	1341805	51.51	ng		99
79) Butylbenzylphthalate	13.43	149	517221	47.75	ng		93
80) Benzo(a)anthracene	13.99	228	870969	43.12	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	208647	30.26	ng	#	96
82) Chrysene	14.03	228	854431	43.58	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	693477	53.48	ng	#	93
84) Di-n-octyl phthalate	14.60	149	1098031	50.50	ng		99
85) Indeno(1,2,3-cd)pyrene	16.80	276	731186	41.57	ng	#	88
87) Benzo(b)fluoranthene	15.01	252	802436m	50.27	ng		
88) Benzo(k)fluoranthene	15.04	252	602760m	45.89	ng		
89) Benzo(a)pyrene	15.36	252	647974	49.45	ng		98
90) Dibenzo(a,h)anthracene	16.81	278	605861	51.65	ng	#	96
91) Benzo(g,h,i)perylene	17.21	276	622340	53.92	ng		98

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

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