Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083366.D
Acq On : 1 Dec 2015 7:17
Operator : UM/IZ
Sample : PB86904BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86904BSD

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:35:20 PM

Quant Time: Dec 01 10:32:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	166649	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	652017	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	333899	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	658452	20.00	ng		0.00
75) Chrysene-d12	14.75	240	597024	20.00	ng		-0.01
86) Perylene-d12	16.82	264	447986	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	753041	67.81	ng		0.01
7) Phenol-d6	6.21	99	971450	63.91	ng		-0.01
23) Nitrobenzene-d5	7.12	82	942548	63.55	ng		-0.01
41) 2,4,6-Tribromophenol	10.37	330	216227	64.51	ng		-0.01
44) 2-Fluorobiphenyl	8.92	172	1552498	66.26	ng		0.00
78) Terphenyl-d14	13.22	244	1541891	61.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	157867	26.25	ng	#	88
3) Pyridine	2.66	79	389868	25.92	ng		97
4) n-Nitrosodimethylamine	2.60	42	224927	30.38	ng		98
6) Aniline	6.21	93	362741	17.44	ng		95
8) 2-Chlorophenol	6.34	128	400978	32.73	ng		98
9) Benzaldehyde	6.09	77	210243	26.56	ng		99
10) Phenol	6.22	94	523638	28.63	ng	#	73
11) bis(2-Chloroethyl)ether	6.29	93	427816	32.15	ng		96
12) 1,3-Dichlorobenzene	6.49	146	430867	31.64	ng		98
13) 1,4-Dichlorobenzene	6.57	146	439856	31.25	ng		98
14) 1,2-Dichlorobenzene	6.72	146	403029m	31.21	ng		
15) Benzyl Alcohol	6.72	79	393007	33.45	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	759368	32.53	ng	#	48
17) 2-Methylphenol	6.84	107	349377	34.22	ng		99
18) Hexachloroethane	7.06	117	154107	31.53	ng		94
19) n-Nitroso-di-n-propylamine	6.98	70	326610	30.06	ng		91
20) 3+4-Methylphenols	7.00	107	448295	32.41	ng		98
22) Acetophenone	6.97	105	574637	29.46	ng	#	94
24) Nitrobenzene	7.14	77	474930	29.98	ng		89
25) Isophorone	7.38	82	853386	29.70	ng		97
26) 2-Nitrophenol	7.46	139	199662	30.88	ng		91
27) 2,4-Dimethylphenol	7.52	122	344996	31.83	ng		94
28) bis(2-Chloroethoxy)methane	7.61	93	547562	33.47	ng		100
29) 2,4-Dichlorophenol	7.71	162	340915	32.70	ng		97
30) 1,2,4-Trichlorobenzene	7.78	180	340361	30.00	ng		95
31) Naphthalene	7.86	128	1138457	32.18	ng		99
32) Benzoic acid	7.66	122	206603	27.64	ng		98
33) 4-Chloroaniline	7.93	127	189737	12.44	ng		98
34) Hexachlorobutadiene	7.98	225	201772	31.32	ng		98
35) Caprolactam	8.29	113	111049m	33.72	ng		
36) 4-Chloro-3-methylphenol	8.43	107	379587	32.47	ng		95
37) 2-Methylnaphthalene	8.54	142	704945	29.82	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	330258	31.20	ng		99
40) Hexachlorocyclopentadiene	8.70	237	310819	61.82	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	241843	32.57	ng		97
43) 2,4,5-Trichlorophenol	8.89	196	257393	33.46	ng		97
45) 1,1'-Biphenyl	9.01	154	873906	29.85	ng		95
46) 2-Chloronaphthalene	9.04	162	736704	33.02	ng		97
47) 2-Nitroaniline	9.14	65	259808	29.40	ng	#	75
48) Acenaphthylene	9.45	152	1129613	31.74	ng		99
49) Dimethylphthalate	9.33	163	861872	31.76	ng		99
50) 2,6-Dinitrotoluene	9.39	165	200386	34.58	ng	#	83
51) Acenaphthene	9.62	154	671290	32.07	ng		99
52) 3-Nitroaniline	9.56	138	106475	15.68	ng		81
53) 2,4-Dinitrophenol	9.66	184	196067	57.96	ng		95
54) Dibenzofuran	9.79	168	957914	31.22	ng		98
55) 4-Nitrophenol	9.76	139	266656	62.77	ng	#	60
56) 2,4-Dinitrotoluene	9.79	165	247325	33.64	ng		93
57) Fluorene	10.13	166	797180	32.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	190683	30.72	ng		93
59) Diethylphthalate	10.03	149	901676	34.86	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	377881	33.95	ng		98
61) 4-Nitroaniline	10.17	138	181897	26.77	ng		90
62) Azobenzene	10.29	77	1052174	33.67	ng		95
64) 4,6-Dinitro-2-methylphenol	10.20	198	140619	31.81	ng	#	77
65) n-Nitrosodiphenylamine	10.26	169	692390	29.92	ng		100
66) 4-Bromophenyl-phenylether	10.64	248	220043	30.55	ng		95
67) Hexachlorobenzene	10.69	284	244480	30.70	ng	#	74
68) Atrazine	10.82	200	216822	33.88	ng		99
69) Pentachlorophenol	10.92	266	274163	65.72	ng		97
70) Phenanthrene	11.15	178	1221777	31.35	ng		98
71) Anthracene	11.22	178	1280923	32.65	ng		98
72) Carbazole	11.41	167	1139745	32.34	ng		99
73) Di-n-butylphthalate	11.86	149	1365247	32.68	ng		99
74) Fluoranthene	12.66	202	1273122	31.52	ng		99
76) Benzidine	12.87	184	358234	20.15	ng		98
77) Pyrene	12.97	202	1312360	31.48	ng		98
79) Butylbenzylphthalate	13.96	149	575553	32.54	ng		95
80) Benzo(a)anthracene	14.74	228	1161217	31.75	ng		99
81) 3,3'-Dichlorobenzidine	14.73	252	227670	19.93	ng		99
82) Chrysene	14.80	228	1083159	30.65	ng		100
83) Bis(2-ethylhexyl)phthalate	14.88	149	787193	33.18	ng		99
84) Di-n-octyl phthalate	15.84	149	1251999	35.44	ng		100
85) Indeno(1,2,3-cd)pyrene	18.19	276	819861	31.85	ng		100
87) Benzo(b)fluoranthene	16.31	252	984223	34.24	ng		97
88) Benzo(k)fluoranthene	16.34	252	793961m	29.25	ng		
89) Benzo(a)pyrene	16.74	252	813791	32.96	ng	#	97
90) Dibenzo(a,h)anthracene	18.23	278	690225	32.08	ng		97
91) Benzo(g,h,i)perylene	18.57	276	688205	32.59	ng		97

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

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