Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083365.D
Acq On : 1 Dec 2015 6:47
Operator : UM/IZ
Sample : PB86904BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86904BS

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:35:19 PM

Quant Time: Dec 01 07:33:08 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	161845	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	627466	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	323508	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	626909	20.00	ng		0.00
75) Chrysene-d12	14.75	240	563670	20.00	ng		-0.01
86) Perylene-d12	16.82	264	418071	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	810655	75.16	ng		0.01
7) Phenol-d6	6.21	99	1069536	72.45	ng		-0.01
23) Nitrobenzene-d5	7.13	82	1025805	71.87	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	233779	71.99	ng		-0.01
44) 2-Fluorobiphenyl	8.92	172	1653150	72.82	ng		0.00
78) Terphenyl-d14	13.22	244	1701081	71.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	155280	26.59	ng	#	91
3) Pyridine	2.62	79	480080	32.86	ng		98
4) n-Nitrosodimethylamine	2.58	42	245866	34.19	ng		98
6) Aniline	6.21	93	411249	20.36	ng		96
8) 2-Chlorophenol	6.34	128	439505	36.94	ng		99
9) Benzaldehyde	6.09	77	228978	30.52	ng		98
10) Phenol	6.24	94	575836	32.42	ng		98
11) bis(2-Chloroethyl)ether	6.29	93	473911	36.68	ng		95
12) 1,3-Dichlorobenzene	6.49	146	469481	35.50	ng		99
13) 1,4-Dichlorobenzene	6.57	146	486215	35.57	ng		100
14) 1,2-Dichlorobenzene	6.72	146	417018m	33.25	ng		
15) Benzyl Alcohol	6.72	79	428328	37.54	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	820885	36.21	ng	#	42
17) 2-Methylphenol	6.84	107	375120	37.83	ng		99
18) Hexachloroethane	7.06	117	164168	34.58	ng		97
19) n-Nitroso-di-n-propylamine	6.98	70	347925	32.97	ng		90
20) 3+4-Methylphenols	7.00	107	498039	37.08	ng		99
22) Acetophenone	6.97	105	634485	33.80	ng	#	92
24) Nitrobenzene	7.14	77	504337	33.09	ng	#	87
25) Isophorone	7.39	82	963715	34.86	ng		98
26) 2-Nitrophenol	7.46	139	213107	34.25	ng		95
27) 2,4-Dimethylphenol	7.53	122	387261	37.13	ng		98
28) bis(2-Chloroethoxy)methane	7.61	93	573902	36.45	ng		99
29) 2,4-Dichlorophenol	7.71	162	371509	37.03	ng		97
30) 1,2,4-Trichlorobenzene	7.78	180	370187	33.90	ng	#	96
31) Naphthalene	7.86	128	1206535	35.44	ng		99
32) Benzoic acid	7.68	122	256859	35.70	ng		98
33) 4-Chloroaniline	7.93	127	180982	12.33	ng		98
34) Hexachlorobutadiene	7.98	225	213505	34.44	ng		99
35) Caprolactam	8.30	113	126804m	40.00	ng		
36) 4-Chloro-3-methylphenol	8.43	107	435061	38.67	ng		91
37) 2-Methylnaphthalene	8.54	142	773352	33.99	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	341335	33.28	ng		97
40) Hexachlorocyclopentadiene	8.70	237	345172	70.86	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	265115	36.86	ng		98
43) 2,4,5-Trichlorophenol	8.89	196	288187	38.67	ng		100
45) 1,1'-Biphenyl	9.01	154	935648	32.98	ng		95
46) 2-Chloronaphthalene	9.04	162	792869	36.68	ng		98
47) 2-Nitroaniline	9.15	65	300374	35.08	ng		91
48) Acenaphthylene	9.45	152	1223121	35.47	ng		99
49) Dimethylphthalate	9.33	163	921615	35.05	ng		100
50) 2,6-Dinitrotoluene	9.39	165	213369	38.00	ng		93
51) Acenaphthene	9.62	154	721747	35.58	ng		100
52) 3-Nitroaniline	9.56	138	105213	15.99	ng		82
53) 2,4-Dinitrophenol	9.66	184	228316	67.32	ng		93
54) Dibenzofuran	9.79	168	1062173	35.74	ng		98
55) 4-Nitrophenol	9.76	139	316679	76.93	ng	#	66
56) 2,4-Dinitrotoluene	9.79	165	261908	36.76	ng		97
57) Fluorene	10.13	166	862532	36.75	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	223227m	37.12	ng		
59) Diethylphthalate	10.03	149	918785	36.66	ng		100
60) 4-Chlorophenyl-phenylether	10.13	204	411777	38.18	ng		98
61) 4-Nitroaniline	10.18	138	208245	31.63	ng		92
62) Azobenzene	10.29	77	1195204	39.48	ng		98
64) 4,6-Dinitro-2-methylphenol	10.20	198	166374	39.53	ng		84
65) n-Nitrosodiphenylamine	10.26	169	806163	36.59	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	250097	36.47	ng		94
67) Hexachlorobenzene	10.69	284	272754	35.97	ng	#	70
68) Atrazine	10.82	200	252556	41.45	ng		98
69) Pentachlorophenol	10.92	266	300847	75.74	ng		98
70) Phenanthrene	11.16	178	1358838	36.63	ng		100
71) Anthracene	11.22	178	1425962	38.18	ng		100
72) Carbazole	11.41	167	1277227	38.06	ng		99
73) Di-n-butylphthalate	11.86	149	1515556	38.11	ng		100
74) Fluoranthene	12.66	202	1396879	36.32	ng		98
76) Benzidine	12.87	184	370129	22.05	ng		98
77) Pyrene	12.97	202	1474665	37.46	ng		99
79) Butylbenzylphthalate	13.96	149	635976	38.08	ng		96
80) Benzo(a)anthracene	14.74	228	1218488	35.28	ng		99
81) 3,3'-Dichlorobenzidine	14.73	252	227121	21.06	ng		99
82) Chrysene	14.80	228	1119171	33.54	ng		99
83) Bis(2-ethylhexyl)phthalate	14.88	149	880391	39.30	ng		100
84) Di-n-octyl phthalate	15.85	149	1304258	39.10	ng		100
85) Indeno(1,2,3-cd)pyrene	18.20	276	976894	40.20	ng		99
87) Benzo(b)fluoranthene	16.31	252	1009632	37.64	ng		98
88) Benzo(k)fluoranthene	16.34	252	834694m	32.95	ng		
89) Benzo(a)pyrene	16.74	252	859914	37.32	ng	#	96
90) Dibenzo(a,h)anthracene	18.23	278	822153	40.95	ng		99
91) Benzo(g,h,i)perylene	18.57	276	838287	42.54	ng		96

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

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