Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083364.D
Acq On : 1 Dec 2015 6:16
Operator : UM/IZ
Sample : PB86921BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86921BSD

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:35:15 PM

Quant Time: Dec 01 07:26:38 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	182505	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	696219	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	371884	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	683341	20.00	ng		0.00
75) Chrysene-d12	14.75	240	519596	20.00	ng		-0.01
86) Perylene-d12	16.82	264	380816	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	908128	74.67	ng		0.01
7) Phenol-d6	6.22	99	1246284	74.86	ng		0.00
23) Nitrobenzene-d5	7.13	82	1139272	71.93	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	261198	69.97	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1818097	69.67	ng		0.00
78) Terphenyl-d14	13.22	244	1751644	80.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	167274	25.40	ng		90
3) Pyridine	2.62	79	417948	25.37	ng		96
4) n-Nitrosodimethylamine	2.58	42	284699	35.11	ng		98
6) Aniline	6.21	93	542646	23.83	ng		97
8) 2-Chlorophenol	6.34	128	489983	36.52	ng		98
9) Benzaldehyde	6.09	77	225875	25.96	ng		96
10) Phenol	6.24	94	715274	35.71	ng		99
11) bis(2-Chloroethyl)ether	6.29	93	512508	35.17	ng		98
12) 1,3-Dichlorobenzene	6.49	146	502209	33.68	ng		99
13) 1,4-Dichlorobenzene	6.57	146	527576	34.23	ng		98
14) 1,2-Dichlorobenzene	6.72	146	455138m	32.19	ng		
15) Benzyl Alcohol	6.72	79	485888	37.76	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	915395	35.80	ng	#	35
17) 2-Methylphenol	6.84	107	433723	38.78	ng		99
18) Hexachloroethane	7.06	117	178024	33.25	ng		98
19) n-Nitroso-di-n-propylamine	6.99	70	409797	34.44	ng		97
20) 3+4-Methylphenols	7.00	107	564926	37.30	ng		99
22) Acetophenone	6.98	105	713062	34.23	ng	#	98
24) Nitrobenzene	7.14	77	542067	32.05	ng	#	86
25) Isophorone	7.39	82	1092793	35.62	ng		99
26) 2-Nitrophenol	7.46	139	242482	35.12	ng		94
27) 2,4-Dimethylphenol	7.53	122	458056	39.58	ng		98
28) bis(2-Chloroethoxy)methane	7.61	93	647994	37.09	ng		100
29) 2,4-Dichlorophenol	7.71	162	426427	38.31	ng		98
30) 1,2,4-Trichlorobenzene	7.78	180	414015	34.17	ng		95
31) Naphthalene	7.86	128	1339934	35.47	ng		100
32) Benzoic acid	7.68	122	271308	33.99	ng		96
33) 4-Chloroaniline	7.93	127	233017	14.31	ng		99
34) Hexachlorobutadiene	7.98	225	236997	34.45	ng		99
35) Caprolactam	8.30	113	136355m	38.77	ng		
36) 4-Chloro-3-methylphenol	8.43	107	488514	39.13	ng		93
37) 2-Methylnaphthalene	8.54	142	883132	34.98	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	380386	32.27	ng		97
40) Hexachlorocyclopentadiene	8.70	237	391207	69.86	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	294184	35.58	ng		100
43) 2,4,5-Trichlorophenol	8.89	196	319279	37.27	ng		96
45) 1,1'-Biphenyl	9.01	154	1075128	32.97	ng		94
46) 2-Chloronaphthalene	9.04	162	865282	34.82	ng		100
47) 2-Nitroaniline	9.15	65	347913	35.35	ng		95
48) Acenaphthylene	9.45	152	1357251	34.24	ng		99
49) Dimethylphthalate	9.33	163	993006	32.86	ng		99
50) 2,6-Dinitrotoluene	9.39	165	238021	36.88	ng		98
51) Acenaphthene	9.62	154	787757	33.79	ng		99
52) 3-Nitroaniline	9.56	138	128997	17.05	ng		86
53) 2,4-Dinitrophenol	9.66	184	207714	55.62	ng		91
54) Dibenzofuran	9.79	168	1179095	34.51	ng		99
55) 4-Nitrophenol	9.76	139	349080	73.77	ng	#	73
56) 2,4-Dinitrotoluene	9.79	165	280990	34.31	ng		90
57) Fluorene	10.13	166	921323	34.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	252184	36.48	ng		98
59) Diethylphthalate	10.03	149	975214	33.85	ng		100
60) 4-Chlorophenyl-phenylether	10.13	204	453725	36.60	ng		100
61) 4-Nitroaniline	10.18	138	246050	32.51	ng		97
62) Azobenzene	10.29	77	1331353	38.26	ng		98
64) 4,6-Dinitro-2-methylphenol	10.20	198	171983	37.48	ng		98
65) n-Nitrosodiphenylamine	10.26	169	900285	37.49	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	290038	38.80	ng		99
67) Hexachlorobenzene	10.70	284	316081	38.24	ng		98
68) Atrazine	10.83	200	294375	44.32	ng		96
69) Pentachlorophenol	10.92	266	322038	74.38	ng		99
70) Phenanthrene	11.16	178	1492476	36.91	ng		99
71) Anthracene	11.22	178	1526698	37.50	ng		100
72) Carbazole	11.41	167	1329907	36.36	ng		99
73) Di-n-butylphthalate	11.86	149	1646640	37.99	ng		99
74) Fluoranthene	12.66	202	1464900	34.95	ng		99
76) Benzidine	12.87	184	423879	27.39	ng		98
77) Pyrene	12.97	202	1511309	41.65	ng		98
79) Butylbenzylphthalate	13.96	149	618410	40.17	ng		95
80) Benzo(a)anthracene	14.74	228	1151499	36.17	ng		99
81) 3,3'-Dichlorobenzidine	14.73	252	220301	22.16	ng		99
82) Chrysene	14.80	228	1088142	35.38	ng		99
83) Bis(2-ethylhexyl)phthalate	14.88	149	818671	39.65	ng		100
84) Di-n-octyl phthalate	15.84	149	1163764	37.85	ng		100
85) Indeno(1,2,3-cd)pyrene	18.20	276	979640	43.73	ng		99
87) Benzo(b)fluoranthene	16.31	252	959339	39.26	ng		97
88) Benzo(k)fluoranthene	16.34	252	723493m	31.36	ng		
89) Benzo(a)pyrene	16.74	252	797582	38.00	ng	#	96
90) Dibenzo(a,h)anthracene	18.23	278	813567	44.49	ng		98
91) Benzo(g,h,i)perylene	18.57	276	836602	46.61	ng		96

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

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