Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083363.D
Acq On : 1 Dec 2015 5:46
Operator : UM/IZ
Sample : PB86921BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86921BS

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:35:14 PM

Quant Time: Dec 01 07:24:29 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	172542	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	681382	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	355712	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	680465	20.00	ng		0.00
75) Chrysene-d12	14.75	240	580647	20.00	ng		-0.01
86) Perylene-d12	16.82	264	422105	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	870082	75.67	ng		0.01
7) Phenol-d6	6.22	99	1159400	73.67	ng		0.00
23) Nitrobenzene-d5	7.13	82	1099389	70.93	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	252680	70.76	ng		-0.01
44) 2-Fluorobiphenyl	8.92	172	1753837	70.26	ng		0.00
78) Terphenyl-d14	13.22	244	1765480	72.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	160404	25.76	ng	#	89
3) Pyridine	2.62	79	492825	31.64	ng		99
4) n-Nitrosodimethylamine	2.58	42	255321	33.31	ng		98
6) Aniline	6.21	93	485523	22.55	ng		95
8) 2-Chlorophenol	6.34	128	475578	37.49	ng		99
9) Benzaldehyde	6.09	77	224883	27.63	ng		99
10) Phenol	6.24	94	658682	34.78	ng		98
11) bis(2-Chloroethyl)ether	6.29	93	493993	35.86	ng		99
12) 1,3-Dichlorobenzene	6.49	146	504384	35.77	ng		99
13) 1,4-Dichlorobenzene	6.57	146	507514	34.83	ng		98
14) 1,2-Dichlorobenzene	6.72	146	446800m	33.42	ng		
15) Benzyl Alcohol	6.72	79	470720	38.70	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.84	45	906080	37.49	ng	#	44
17) 2-Methylphenol	6.84	107	409759	38.76	ng		99
18) Hexachloroethane	7.06	117	175138	34.60	ng		97
19) n-Nitroso-di-n-propylamine	6.98	70	383747	34.11	ng	#	86
20) 3+4-Methylphenols	7.00	107	545177	38.07	ng		99
22) Acetophenone	6.97	105	685287	33.61	ng	#	90
24) Nitrobenzene	7.14	77	546213	33.00	ng	#	86
25) Isophorone	7.39	82	1047263	34.88	ng		97
26) 2-Nitrophenol	7.46	139	237445	35.14	ng		93
27) 2,4-Dimethylphenol	7.53	122	430943	38.05	ng		98
28) bis(2-Chloroethoxy)methane	7.61	93	630409	36.87	ng		98
29) 2,4-Dichlorophenol	7.71	162	406746	37.34	ng		98
30) 1,2,4-Trichlorobenzene	7.78	180	407315	34.35	ng	#	93
31) Naphthalene	7.86	128	1320017	35.70	ng		99
32) Benzoic acid	7.68	122	264542	33.86	ng		97
33) 4-Chloroaniline	7.93	127	211957	13.30	ng		97
34) Hexachlorobutadiene	7.98	225	235907	35.04	ng		98
35) Caprolactam	8.30	113	138795m	40.32	ng		
36) 4-Chloro-3-methylphenol	8.43	107	470338	38.49	ng		92
37) 2-Methylnaphthalene	8.54	142	870830m	35.24	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	380007	33.70	ng		99
40) Hexachlorocyclopentadiene	8.70	237	392165	73.21	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	288633	36.49	ng		98
43) 2,4,5-Trichlorophenol	8.89	196	307015	37.46	ng		97
45) 1,1'-Biphenyl	9.01	154	1029453	33.00	ng		94
46) 2-Chloronaphthalene	9.04	162	853925	35.92	ng		99
47) 2-Nitroaniline	9.15	65	340672	36.19	ng		99
48) Acenaphthylene	9.45	152	1315188	34.69	ng		99
49) Dimethylphthalate	9.33	163	985832	34.10	ng		99
50) 2,6-Dinitrotoluene	9.39	165	233876	37.89	ng		98
51) Acenaphthene	9.62	154	780754	35.01	ng		99
52) 3-Nitroaniline	9.56	138	117241	16.20	ng		82
53) 2,4-Dinitrophenol	9.66	184	205417	57.17	ng		90
54) Dibenzofuran	9.79	168	1132975	34.67	ng		99
55) 4-Nitrophenol	9.76	139	348899	77.09	ng	#	75
56) 2,4-Dinitrotoluene	9.79	165	281708	35.96	ng		93
57) Fluorene	10.13	166	919888	35.64	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	243365	36.81	ng		97
59) Diethylphthalate	10.03	149	957149	34.74	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	455800	38.44	ng		99
61) 4-Nitroaniline	10.18	138	234595	32.40	ng		95
62) Azobenzene	10.29	77	1313019	39.45	ng		99
64) 4,6-Dinitro-2-methylphenol	10.20	198	170083	37.23	ng		92
65) n-Nitrosodiphenylamine	10.26	169	873959	36.55	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	269711	36.23	ng		95
67) Hexachlorobenzene	10.69	284	298397	36.25	ng	#	72
68) Atrazine	10.82	200	281100	42.50	ng		98
69) Pentachlorophenol	10.92	266	320197	74.27	ng		97
70) Phenanthrene	11.16	178	1467695	36.45	ng		99
71) Anthracene	11.22	178	1528722	37.71	ng		100
72) Carbazole	11.41	167	1364796	37.47	ng		99
73) Di-n-butylphthalate	11.86	149	1644983	38.11	ng		99
74) Fluoranthene	12.66	202	1481203	35.48	ng		99
76) Benzidine	12.87	184	471883	27.29	ng		97
77) Pyrene	12.97	202	1517676	37.43	ng		98
79) Butylbenzylphthalate	13.96	149	675071	39.24	ng		94
80) Benzo(a)anthracene	14.74	228	1272395	35.77	ng		99
81) 3,3'-Dichlorobenzidine	14.73	252	228227	20.54	ng		98
82) Chrysene	14.80	228	1177828	34.27	ng		99
83) Bis(2-ethylhexyl)phthalate	14.88	149	903073	39.14	ng		99
84) Di-n-octyl phthalate	15.84	149	1343484	39.10	ng		99
85) Indeno(1,2,3-cd)pyrene	18.19	276	960929	38.39	ng		100
87) Benzo(b)fluoranthene	16.31	252	1031929	38.10	ng		97
88) Benzo(k)fluoranthene	16.34	252	827501m	32.36	ng		
89) Benzo(a)pyrene	16.74	252	862666	37.08	ng	#	97
90) Dibenzo(a,h)anthracene	18.23	278	800216	39.48	ng		98
91) Benzo(g,h,i)perylene	18.57	276	821690	41.30	ng		96

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

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