Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083362.D
Acq On : 1 Dec 2015 5:15
Operator : UM/IZ
Sample : PB86923BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86923BS

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

Quant Time: Dec 01 06:59:06 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	170004	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	671891	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	353443	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	694375	20.00	ng		0.00
75) Chrysene-d12	14.76	240	609096	20.00	ng		0.00
86) Perylene-d12	16.82	264	445791	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1263403	111.52	ng		0.01
7) Phenol-d6	6.22	99	1717823	110.78	ng		0.00
23) Nitrobenzene-d5	7.13	82	1119189	73.22	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	382215	107.73	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1742456	70.25	ng		0.00
78) Terphenyl-d14	13.22	244	1862893	72.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	169441	27.62	ng	#	83
3) Pyridine	2.65	79	455467	29.68	ng		98
4) n-Nitrosodimethylamine	2.60	42	274543	36.35	ng		98
6) Aniline	6.21	93	384471	18.12	ng	#	87
8) 2-Chlorophenol	6.34	128	457366	36.60	ng		97
9) Benzaldehyde	6.09	77	239629	30.38	ng		98
10) Phenol	6.24	94	700859	37.56	ng		98
11) bis(2-Chloroethyl)ether	6.29	93	481810	35.50	ng		98
12) 1,3-Dichlorobenzene	6.49	146	486500	35.02	ng		99
13) 1,4-Dichlorobenzene	6.57	146	510232	35.54	ng		99
14) 1,2-Dichlorobenzene	6.72	146	439520m	33.37	ng		
15) Benzyl Alcohol	6.72	79	448280	37.40	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	875092	36.74	ng	#	42
17) 2-Methylphenol	6.84	107	391880	37.62	ng		98
18) Hexachloroethane	7.06	117	174225	34.94	ng		95
19) n-Nitroso-di-n-propylamine	6.98	70	365612	32.98	ng	#	88
20) 3+4-Methylphenols	7.00	107	526907	37.35	ng		99
22) Acetophenone	6.97	105	669573	33.31	ng	#	92
24) Nitrobenzene	7.14	77	525298	32.18	ng	#	86
25) Isophorone	7.39	82	995428	33.62	ng		98
26) 2-Nitrophenol	7.46	139	227140	34.09	ng		92
27) 2,4-Dimethylphenol	7.53	122	403987	36.17	ng		97
28) bis(2-Chloroethoxy)methane	7.61	93	620157	36.78	ng		99
29) 2,4-Dichlorophenol	7.71	162	400633	37.30	ng		97
30) 1,2,4-Trichlorobenzene	7.78	180	390960	33.44	ng	#	97
31) Naphthalene	7.86	128	1273426	34.93	ng		99
32) Benzoic acid	7.68	122	250148	32.47	ng		98
33) 4-Chloroaniline	7.93	127	170515	10.85	ng		99
34) Hexachlorobutadiene	7.98	225	232565	35.03	ng		97
35) Caprolactam	8.30	113	134114m	39.51	ng		
36) 4-Chloro-3-methylphenol	8.43	107	463740	38.49	ng		90
37) 2-Methylnaphthalene	8.54	142	826953	33.94	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	356264	31.80	ng		96
40) Hexachlorocyclopentadiene	8.70	237	369666	69.46	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	275814	35.10	ng		99
43) 2,4,5-Trichlorophenol	8.89	196	307608	37.78	ng		97
45) 1,1'-Biphenyl	9.01	154	987074	31.85	ng		95
46) 2-Chloronaphthalene	9.04	162	824411	34.91	ng		98
47) 2-Nitroaniline	9.15	65	314157	33.59	ng		92
48) Acenaphthylene	9.45	152	1272846	33.79	ng		99
49) Dimethylphthalate	9.33	163	971935	33.84	ng		99
50) 2,6-Dinitrotoluene	9.39	165	224224	36.55	ng		95
51) Acenaphthene	9.62	154	764441	34.50	ng		99
52) 3-Nitroaniline	9.56	138	108851	15.14	ng		87
53) 2,4-Dinitrophenol	9.66	184	226487	62.25	ng		95
54) Dibenzofuran	9.79	168	1109556	34.17	ng		99
55) 4-Nitrophenol	9.76	139	343649	76.42	ng	#	73
56) 2,4-Dinitrotoluene	9.79	165	271417	34.87	ng		95
57) Fluorene	10.13	166	911527	35.55	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	234336	35.67	ng		96
59) Diethylphthalate	10.03	149	948355	34.64	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	436717	37.07	ng		99
61) 4-Nitroaniline	10.18	138	230895	32.10	ng		96
62) Azobenzene	10.29	77	1256001	37.98	ng		98
64) 4,6-Dinitro-2-methylphenol	10.20	198	171266	36.73	ng		96
65) n-Nitrosodiphenylamine	10.26	169	855834	35.07	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	274614	36.15	ng		96
67) Hexachlorobenzene	10.70	284	288066	34.30	ng		97
68) Atrazine	10.82	200	279407	41.40	ng		98
69) Pentachlorophenol	10.92	266	316484	71.94	ng		97
70) Phenanthrene	11.16	178	1428723	34.77	ng		100
71) Anthracene	11.22	178	1494003	36.11	ng		100
72) Carbazole	11.41	167	1301941	35.03	ng		99
73) Di-n-butylphthalate	11.86	149	1616113	36.69	ng		100
74) Fluoranthene	12.66	202	1475867	34.65	ng		98
76) Benzidine	12.87	184	334326	18.43	ng		99
77) Pyrene	12.97	202	1530310	35.98	ng		98
79) Butylbenzylphthalate	13.96	149	674446	37.38	ng		95
80) Benzo(a)anthracene	14.74	228	1339738	35.90	ng		99
81) 3,3'-Dichlorobenzidine	14.73	252	237299	20.36	ng		99
82) Chrysene	14.80	228	1235815	34.28	ng		99
83) Bis(2-ethylhexyl)phthalate	14.88	149	934800	38.62	ng		100
84) Di-n-octyl phthalate	15.85	149	1448843	40.19	ng		100
85) Indeno(1,2,3-cd)pyrene	18.19	276	933225	35.54	ng		100
87) Benzo(b)fluoranthene	16.31	252	1079164	37.73	ng		99
88) Benzo(k)fluoranthene	16.35	252	924756	34.24	ng		98
89) Benzo(a)pyrene	16.75	252	928146	37.78	ng		99
90) Dibenzo(a,h)anthracene	18.23	278	795718	37.17	ng		98
91) Benzo(g,h,i)perylene	18.57	276	772015	36.74	ng	#	94

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

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