Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083009.D
Acq On : 18 Nov 2015 14:38
Operator : UM/IZ
Sample : PB86622BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86622BSD

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:44:37 PM

Quant Time: Nov 19 02:27:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	153569	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	585079	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	287181	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	577366	20.00	ng		0.00
75) Chrysene-d12	13.88	240	496385	20.00	ng		-0.01
86) Perylene-d12	15.28	264	387540	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1204950	122.08	ng		0.01
7) Phenol-d6	6.38	99	1626096	123.93	ng		-0.01
23) Nitrobenzene-d5	7.30	82	983925	73.17	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	411237	124.89	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1799781	89.82	ng		0.00
78) Terphenyl-d14	12.84	244	1834721	87.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	160441	37.67	ng		96
3) Pyridine	2.99	79	413210	33.44	ng		94
4) n-Nitrosodimethylamine	2.93	42	234516	38.26	ng	#	78
6) Aniline	6.40	93	237929	12.91	ng	#	1
8) 2-Chlorophenol	6.52	128	447495	40.90	ng		92
9) Benzaldehyde	6.27	77	379476	52.35	ng		93
10) Phenol	6.41	94	502977	33.78	ng	#	72
11) bis(2-Chloroethyl)ether	6.48	93	465058	41.77	ng		87
12) 1,3-Dichlorobenzene	6.67	146	465398m	37.71	ng		
13) 1,4-Dichlorobenzene	6.75	146	493085	38.41	ng		93
14) 1,2-Dichlorobenzene	6.90	146	420131	35.98	ng		94
15) Benzyl Alcohol	6.89	79	435741	37.81	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	734852	45.00	ng		94
17) 2-Methylphenol	7.01	107	365257	39.41	ng		96
18) Hexachloroethane	7.24	117	170684	37.17	ng		96
19) n-Nitroso-di-n-propylamine	7.16	70	371594	38.53	ng	#	82
20) 3+4-Methylphenols	7.16	107	470159	39.02	ng	#	61
22) Acetophenone	7.15	105	635470	37.91	ng		96
24) Nitrobenzene	7.32	77	546921	39.77	ng		96
25) Isophorone	7.56	82	943134	37.91	ng		98
26) 2-Nitrophenol	7.64	139	232966	40.59	ng	#	53
27) 2,4-Dimethylphenol	7.69	122	377092	36.56	ng		95
28) bis(2-Chloroethoxy)methane	7.78	93	596994	42.54	ng		98
29) 2,4-Dichlorophenol	7.88	162	362738	38.92	ng		88
30) 1,2,4-Trichlorobenzene	7.96	180	381191	36.37	ng		98
31) Naphthalene	8.04	128	1247598	38.65	ng		99
32) Benzoic acid	7.82	122	260137	36.84	ng		85
33) 4-Chloroaniline	8.09	127	70740	5.08	ng		91
34) Hexachlorobutadiene	8.17	225	249625	38.05	ng		99
35) Caprolactam	8.46	113	128771m	43.82	ng		
36) 4-Chloro-3-methylphenol	8.59	107	419900	38.31	ng		90
37) 2-Methylnaphthalene	8.74	142	840712m	40.26	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	354915	37.61	ng		99
40) Hexachlorocyclopentadiene	8.90	237	412394	81.34	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	268876	38.17	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	291762	41.88	ng	#	92
45) 1,1'-Biphenyl	9.20	154	946622	38.41	ng		95
46) 2-Chloronaphthalene	9.22	162	780730	40.62	ng		98
47) 2-Nitroaniline	9.32	65	294110	41.25	ng	#	49
48) Acenaphthylene	9.63	152	1177846	39.10	ng		99
49) Dimethylphthalate	9.50	163	919668	39.09	ng		100
50) 2,6-Dinitrotoluene	9.56	165	207312	41.29	ng		97
51) Acenaphthene	9.80	154	846656	44.34	ng		99
52) 3-Nitroaniline	9.72	138	38916	7.05	ng	#	82
53) 2,4-Dinitrophenol	9.84	184	229510	83.26	ng	#	22
54) Dibenzofuran	9.97	168	1078263	41.89	ng		95
55) 4-Nitrophenol	9.92	139	372368	87.91	ng		87
56) 2,4-Dinitrotoluene	9.96	165	262697	38.57	ng		90
57) Fluorene	10.32	166	796474	38.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	234000	41.15	ng	#	91
59) Diethylphthalate	10.20	149	944291	41.10	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	455903	43.71	ng		99
61) 4-Nitroaniline	10.34	138	191609	34.51	ng	#	83
62) Azobenzene	10.48	77	1199813	48.62	ng		95
64) 4,6-Dinitro-2-methylphenol	10.37	198	163016	39.63	ng		81
65) n-Nitrosodiphenylamine	10.43	169	757488	36.32	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	263666	37.93	ng	#	93
67) Hexachlorobenzene	10.86	284	274856	35.41	ng	#	84
68) Atrazine	10.97	200	257871	39.98	ng		97
69) Pentachlorophenol	11.06	266	328437	69.67	ng		98
70) Phenanthrene	11.28	178	1391562	41.50	ng		99
71) Anthracene	11.32	178	1300925	36.83	ng		99
72) Carbazole	11.48	167	1153583	37.31	ng		98
73) Di-n-butylphthalate	11.82	149	1531560	39.76	ng		99
74) Fluoranthene	12.45	202	1314316	36.53	ng		98
76) Benzidine	12.58	184	559100	33.61	ng		98
77) Pyrene	12.68	202	1371168	40.22	ng		99
79) Butylbenzylphthalate	13.31	149	676466	44.92	ng		93
80) Benzo(a)anthracene	13.87	228	1339500	43.15	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	156357	14.17	ng	#	98
82) Chrysene	13.91	228	1020895	35.91	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	886027	42.98	ng		99
84) Di-n-octyl phthalate	14.50	149	1531120	44.53	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	905519	36.98	ng		97
87) Benzo(b)fluoranthene	14.90	252	1209860m	48.64	ng		
88) Benzo(k)fluoranthene	14.92	252	813024m	36.84	ng		
89) Benzo(a)pyrene	15.23	252	948929	44.03	ng	#	98
90) Dibenzo(a,h)anthracene	16.61	278	756402	41.45	ng		98
91) Benzo(g,h,i)perylene	16.99	276	752841	43.07	ng	#	96

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

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