Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082833.D
Acq On : 9 Nov 2015 17:00
Operator : UM/IZ
Sample : PB86498BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Manual Integrations APPROVED
Mmdadoda
11/10/2015 1:02:25 PM

Quant Time: Nov 10 03:17:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	232057	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	877529	20.00	ng		-0.02
38) Acenaphthene-d10	9.87	164	430884	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	801870	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	702038	20.00	ng		-0.02
86) Perylene-d12	15.45	264	694417	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1559249	104.55	ng		0.00
7) Phenol-d6	6.48	99	2138280	107.84	ng		0.00
23) Nitrobenzene-d5	7.40	82	1571062	77.90	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	502821	101.78	ng		-0.02
44) 2-Fluorobiphenyl	9.20	172	2097245	69.76	ng		-0.02
78) Terphenyl-d14	12.95	244	2442532	82.52	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	219976	34.18	ng		96
3) Pyridine	3.21	79	682583	36.55	ng		99
4) n-Nitrosodimethylamine	3.16	42	315538	34.07	ng	#	72
6) Aniline	6.49	93	663283	23.83	ng	#	1
8) 2-Chlorophenol	6.61	128	567829	34.34	ng	#	74
9) Benzaldehyde	6.37	77	64475	5.89	ng		84
10) Phenol	6.49	94	897867	39.91	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	575019	34.18	ng		93
12) 1,3-Dichlorobenzene	6.77	146	667257	35.78	ng	#	88
13) 1,4-Dichlorobenzene	6.85	146	652217m	33.62	ng		
14) 1,2-Dichlorobenzene	7.00	146	606328	34.37	ng		97
15) Benzyl Alcohol	6.98	79	637079	36.59	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	921576	37.34	ng		97
17) 2-Methylphenol	7.09	107	502073	35.85	ng		98
18) Hexachloroethane	7.34	117	236316	34.06	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	474985	32.59	ng		88
20) 3+4-Methylphenols	7.25	107	658007	36.14	ng	#	68
22) Acetophenone	7.24	105	855637	34.03	ng	#	93
24) Nitrobenzene	7.41	77	680608	33.00	ng		91
25) Isophorone	7.65	82	1296949	34.76	ng		98
26) 2-Nitrophenol	7.73	139	335568	38.98	ng	#	70
27) 2,4-Dimethylphenol	7.78	122	584174	37.77	ng		94
28) bis(2-Chloroethoxy)methane	7.87	93	747181	35.50	ng		98
29) 2,4-Dichlorophenol	7.97	162	503910	36.05	ng		88
30) 1,2,4-Trichlorobenzene	8.06	180	565534	35.97	ng		96
31) Naphthalene	8.14	128	1686178	34.83	ng		98
32) Benzoic acid	7.90	122	364545	34.42	ng		91
33) 4-Chloroaniline	8.19	127	375657	18.00	ng	#	83
34) Hexachlorobutadiene	8.27	225	333069	33.85	ng		97
35) Caprolactam	8.56	113	180789m	41.02	ng		
36) 4-Chloro-3-methylphenol	8.68	107	623100	37.90	ng	#	81
37) 2-Methylnaphthalene	8.83	142	1060079	33.85	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	543261	38.37	ng		98
40) Hexachlorocyclopentadiene	8.99	237	611255	80.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	380057	35.96	ng		95
43) 2,4,5-Trichlorophenol	9.16	196	401000	38.36	ng	#	77
45) 1,1'-Biphenyl	9.30	154	1423905	38.51	ng		98
46) 2-Chloronaphthalene	9.32	162	1109992	38.49	ng		99
47) 2-Nitroaniline	9.41	65	439741	41.10	ng	#	76
48) Acenaphthylene	9.73	152	1604930	35.51	ng		100
49) Dimethylphthalate	9.60	163	1197306	33.92	ng		100
50) 2,6-Dinitrotoluene	9.65	165	258506	34.32	ng		96
51) Acenaphthene	9.90	154	1145478	39.99	ng		100
52) 3-Nitroaniline	9.82	138	195329	23.58	ng	#	61
53) 2,4-Dinitrophenol	9.93	184	310870	75.17	ng	#	26
54) Dibenzofuran	10.08	168	1379846	35.73	ng		95
55) 4-Nitrophenol	10.00	139	525770	82.73	ng		89
56) 2,4-Dinitrotoluene	10.06	165	413872	40.50	ng	#	63
57) Fluorene	10.42	166	1133186	36.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	325571	38.16	ng	#	88
59) Diethylphthalate	10.30	149	1333786	38.70	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	544829	34.81	ng		90
61) 4-Nitroaniline	10.44	138	330455	39.67	ng	#	71
62) Azobenzene	10.57	77	1472159	39.76	ng		89
64) 4,6-Dinitro-2-methylphenol	10.46	198	211334	36.99	ng	#	60
65) n-Nitrosodiphenylamine	10.53	169	1050521	36.26	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	328890	34.06	ng	#	75
67) Hexachlorobenzene	10.97	284	364045	33.77	ng	#	84
68) Atrazine	11.06	200	318139	35.51	ng		97
69) Pentachlorophenol	11.16	266	449731	68.69	ng		98
70) Phenanthrene	11.38	178	1808240	38.83	ng		100
71) Anthracene	11.43	178	1733645	35.34	ng		99
72) Carbazole	11.59	167	1750233	40.76	ng		99
73) Di-n-butylphthalate	11.93	149	2053971	38.39	ng	#	97
74) Fluoranthene	12.57	202	1920589	38.43	ng		96
76) Benzidine	12.68	184	915694	38.92	ng		100
77) Pyrene	12.80	202	1972225	40.91	ng		99
79) Butylbenzylphthalate	13.41	149	837398	39.32	ng		93
80) Benzo(a)anthracene	13.99	228	1712018	39.00	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	413093	26.47	ng	#	97
82) Chrysene	14.02	228	1490004	37.06	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	1125046	38.59	ng	#	96
84) Di-n-octyl phthalate	14.63	149	2088738	42.95	ng		97
85) Indeno(1,2,3-cd)pyrene	16.83	276	1541764	44.52	ng		96
87) Benzo(b)fluoranthene	15.04	252	1526483	34.25	ng	#	97
88) Benzo(k)fluoranthene	15.07	252	1590277m	40.22	ng		
89) Benzo(a)pyrene	15.39	252	1545484	40.02	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	1267946	38.77	ng		99
91) Benzo(g,h,i)perylene	17.25	276	1253462	40.02	ng		99

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

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