Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
Data File : BF077217.D
Acq On : 6 Feb 2015 23:47
Operator : TP/IZ
Sample : PB81608BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81608BS

Manual Integrations APPROVED
apatel
2/9/2015 1:36:11 PM

Quant Time: Feb 09 12:03:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 07 00:59:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	26569	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	110101	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	54895	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	104953	20.00	ng		0.00
75) Chrysene-d12	21.05	240	100796	20.00	ng		0.00
86) Perylene-d12	22.68	264	91204	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.66	112	187271	115.89	ng		0.00
7) Phenol-d6	7.06	99	236868	116.19	ng		0.00
23) Nitrobenzene-d5	8.96	82	147710	74.33	ng		0.00
41) 2,4,6-Tribromophenol	16.42	330	60943	136.77	ng		0.00
44) 2-Fluorobiphenyl	13.21	172	307135	85.14	ng		0.00
78) Terphenyl-d14	19.79	244	343465	78.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.09	88	22160	32.03	ng		98
3) Pyridine	1.54	79	52774	29.47	ng		94
4) n-Nitrosodimethylamine	1.49	42	33079	37.30	ng		96
6) Aniline	6.93	93	46564	16.51	ng		98
8) 2-Chlorophenol	7.17	128	67290	36.12	ng		99
10) Phenol	7.08	94	71520	33.04	ng		84
11) bis(2-Chloroethyl)ether	7.18	93	58887	34.77	ng		91
12) 1,3-Dichlorobenzene	7.48	146	72326	34.12	ng		94
13) 1,4-Dichlorobenzene	7.68	146	73703	32.79	ng		97
14) 1,2-Dichlorobenzene	8.00	146	74242	35.85	ng		98
15) Benzyl Alcohol	8.10	79	57667	34.96	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.44	45	81015	35.58	ng		77
17) 2-Methylphenol	8.45	107	53844	35.37	ng		96
18) Hexachloroethane	8.74	117	27815	35.58	ng		96
19) n-Nitroso-di-n-propylamine	8.73	70	48862	34.24	ng		99
20) 3+4-Methylphenols	8.84	107	61469	30.49	ng		97
22) Acetophenone	8.65	105	98999	36.71	ng		98
24) Nitrobenzene	8.99	77	69355	34.26	ng		98
25) Isophorone	9.60	82	128450	35.49	ng		97
26) 2-Nitrophenol	9.73	139	32201	31.68	ng	#	76
27) 2,4-Dimethylphenol	10.03	122	60413	38.59	ng		97
28) bis(2-Chloroethoxy)methane	10.22	93	79454	38.62	ng		99
29) 2,4-Dichlorophenol	10.35	162	48066	32.94	ng		94
30) 1,2,4-Trichlorobenzene	10.46	180	58265	35.95	ng		96
31) Naphthalene	10.60	128	202125	35.66	ng		98
32) Benzoic acid	10.43	122	15527m	17.90	ng		
33) 4-Chloroaniline	10.86	127	37437	16.34	ng		99
34) Hexachlorobutadiene	10.97	225	34204	35.57	ng		98
35) Caprolactam	11.71	113	15859m	36.92	ng		
36) 4-Chloro-3-methylphenol	12.18	107	60191	36.03	ng		96
37) 2-Methylnaphthalene	12.26	142	141855	36.64	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	54855	40.42	ng		97
40) Hexachlorocyclopentadiene	12.65	237	52077	71.78	ng		98
42) 2,4,6-Trichlorophenol	13.03	196	35973	36.38	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.12	196	31064	30.80	ng	#	89
45) 1,1'-Biphenyl	13.40	154	165846	40.75	ng		97
46) 2-Chloronaphthalene	13.38	162	133746	39.94	ng		98
47) 2-Nitroaniline	13.73	65	42413	41.75	ng		98
48) Acenaphthylene	14.33	152	220268	38.99	ng		99
49) Dimethylphthalate	14.29	163	159543	40.98	ng		97
50) 2,6-Dinitrotoluene	14.39	165	34178	43.94	ng		95
51) Acenaphthene	14.75	154	122320	38.17	ng		95
52) 3-Nitroaniline	14.74	138	24578	25.10	ng	#	84
53) 2,4-Dinitrophenol	15.03	184	19192	56.61	ng		95
54) Dibenzofuran	15.17	168	193077	41.36	ng		100
55) 4-Nitrophenol	15.36	139	35422	58.05	ng		95
56) 2,4-Dinitrotoluene	15.32	165	47302	40.89	ng		92
57) Fluorene	15.94	166	161064	40.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	27395	37.30	ng	#	94
59) Diethylphthalate	15.95	149	177343	45.07	ng		99
60) 4-Chlorophenyl-phenylether	16.04	204	68467	42.31	ng	#	84
61) 4-Nitroaniline	16.10	138	32294	33.39	ng		89
62) Azobenzene	16.33	77	174542	42.58	ng		98
64) 4,6-Dinitro-2-methylphenol	16.18	198	21529	33.03	ng		84
65) n-Nitrosodiphenylamine	16.29	169	137245	36.67	ng		99
66) 4-Bromophenyl-phenylether	16.91	248	41638	39.16	ng	#	85
67) Hexachlorobenzene	16.92	284	41412	36.96	ng	#	91
68) Atrazine	17.30	200	46866	41.27	ng		93
69) Pentachlorophenol	17.30	266	27990	56.66	ng		98
70) Phenanthrene	17.57	178	234881	35.89	ng		100
71) Anthracene	17.65	178	236724	37.09	ng		98
72) Carbazole	17.95	167	225710	36.46	ng		99
73) Di-n-butylphthalate	18.55	149	288243	40.23	ng		98
74) Fluoranthene	19.23	202	245019	36.53	ng		98
76) Benzidine	19.48	184	96289	29.85	ng		99
77) Pyrene	19.52	202	260255	37.67	ng		100
79) Butylbenzylphthalate	20.45	149	128606	41.11	ng		96
80) Benzo(a)anthracene	21.04	228	228245	36.09	ng		99
81) 3,3'-Dichlorobenzidine	21.05	252	53362	26.55	ng	#	95
82) Chrysene	21.08	228	220559	38.24	ng		99
83) Bis(2-ethylhexyl)phthalate	21.20	149	184393	42.60	ng		100
84) Di-n-octyl phthalate	21.95	149	317702	42.29	ng		99
85) Indeno(1,2,3-cd)pyrene	23.75	276	218555	35.76	ng	#	84
87) Benzo(b)fluoranthene	22.28	252	229984	37.44	ng	#	94
88) Benzo(k)fluoranthene	22.31	252	194321m	36.21	ng		
89) Benzo(a)pyrene	22.61	252	197509	36.45	ng	#	96
90) Dibenzo(a,h)anthracene	23.77	278	180322	36.27	ng		98
91) Benzo(g,h,i)perylene	24.01	276	181513	36.73	ng		97

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

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