Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078478.D
Acq On : 13 Apr 2015 23:50
Operator : TP/IZ
Sample : PB82691BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82691BS

Manual Integrations APPROVED
apatel
4/14/2015 5:25:15 PM

Quant Time: Apr 14 02:13:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 01:02:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	33378	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	139493	20.00	ng		0.00
38) Acenaphthene-d10	10.56	164	71507	20.00	ng		-0.01
63) Phenanthrene-d10	12.39	188	144334	20.00	ng		0.00
75) Chrysene-d12	15.65	240	145226	20.00	ng		-0.01
86) Perylene-d12	17.30	264	135069	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	270146	133.44	ng		0.00
7) Phenol-d6	6.43	99	347547	136.99	ng		0.00
23) Nitrobenzene-d5	7.53	82	194969	84.72	ng		-0.01
41) 2,4,6-Tribromophenol	11.54	330	92749	156.39	ng		0.00
44) 2-Fluorobiphenyl	9.76	172	461885	92.33	ng		0.00
78) Terphenyl-d14	14.38	244	533845	83.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.61	88	26533	28.98	ng	#	23
3) Pyridine	2.23	79	86110	35.91	ng		99
4) n-Nitrosodimethylamine	2.17	42	39533m	42.83	ng		
6) Aniline	6.42	93	60028	16.68	ng		89
8) 2-Chlorophenol	6.56	128	102166	42.68	ng		97
9) Benzaldehyde	6.27	77	24840	14.77	ng		98
10) Phenol	6.44	94	125218	41.19	ng		97
11) bis(2-Chloroethyl)ether	6.54	93	93503	42.77	ng		97
12) 1,3-Dichlorobenzene	6.75	146	105598	40.16	ng	#	90
13) 1,4-Dichlorobenzene	6.84	146	108819	41.11	ng		98
14) 1,2-Dichlorobenzene	7.03	146	100427	40.47	ng		99
15) Benzyl Alcohol	7.03	79	80347	45.07	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	124748	42.78	ng		96
17) 2-Methylphenol	7.20	107	79808	42.94	ng		96
18) Hexachloroethane	7.45	117	36631	41.04	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	71980	43.00	ng		97
20) 3+4-Methylphenols	7.39	107	105890	42.71	ng		93
22) Acetophenone	7.35	105	141359	43.49	ng	#	91
24) Nitrobenzene	7.55	77	100753	41.88	ng	#	86
25) Isophorone	7.86	82	186892	42.79	ng		97
26) 2-Nitrophenol	7.95	139	47379	41.33	ng		94
27) 2,4-Dimethylphenol	8.03	122	91849	43.08	ng		93
28) bis(2-Chloroethoxy)methane	8.15	93	118906	42.46	ng		99
29) 2,4-Dichlorophenol	8.25	162	86406	44.55	ng		91
30) 1,2,4-Trichlorobenzene	8.34	180	89729	40.35	ng		97
31) Naphthalene	8.43	128	295761	40.74	ng		100
32) Benzoic acid	8.17	122	50154	49.78	ng		92
33) 4-Chloroaniline	8.52	127	54621	18.13	ng		96
34) Hexachlorobutadiene	8.59	225	52124	42.69	ng		98
35) Caprolactam	8.95	113	27009	46.65	ng		99
36) 4-Chloro-3-methylphenol	9.15	107	87690	44.81	ng	#	79
37) 2-Methylnaphthalene	9.29	142	208157	42.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	91148	41.14	ng		99
40) Hexachlorocyclopentadiene	9.48	237	76643	80.32	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	61462	43.99	ng		96
43) 2,4,5-Trichlorophenol	9.70	196	64005	43.84	ng	#	87
45) 1,1'-Biphenyl	9.87	154	250776	42.87	ng		99
46) 2-Chloronaphthalene	9.88	162	191767	41.67	ng		100
47) 2-Nitroaniline	10.03	65	53159	46.69	ng	#	57
48) Acenaphthylene	10.39	152	306218	41.21	ng		99
49) Dimethylphthalate	10.27	163	244866	45.58	ng		98
50) 2,6-Dinitrotoluene	10.34	165	52141	47.17	ng	#	71
51) Acenaphthene	10.60	154	182381	43.59	ng		99
52) 3-Nitroaniline	10.54	138	31475	25.04	ng		93
53) 2,4-Dinitrophenol	10.68	184	29805	72.69	ng	#	83
54) Dibenzofuran	10.82	168	298028	46.64	ng		95
55) 4-Nitrophenol	10.79	139	70506	76.32	ng		95
56) 2,4-Dinitrotoluene	10.83	165	69654	48.66	ng	#	85
57) Fluorene	11.24	166	239137	46.17	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.98	232	51830	47.89	ng		99
59) Diethylphthalate	11.14	149	236357	45.63	ng		98
60) 4-Chlorophenyl-phenylether	11.26	204	109334	45.88	ng	#	81
61) 4-Nitroaniline	11.29	138	54649	43.02	ng		98
62) Azobenzene	11.45	77	221670	46.89	ng		93
64) 4,6-Dinitro-2-methylphenol	11.34	198	25151	37.40	ng	#	57
65) n-Nitrosodiphenylamine	11.40	169	194818	39.02	ng		99
66) 4-Bromophenyl-phenylether	11.86	248	63658	41.65	ng	#	80
67) Hexachlorobenzene	11.91	284	69133	41.27	ng		99
68) Atrazine	12.09	200	70781	48.95	ng		100
69) Pentachlorophenol	12.16	266	62735	84.03	ng		99
70) Phenanthrene	12.41	178	329577	39.48	ng		99
71) Anthracene	12.48	178	351164	42.68	ng		100
72) Carbazole	12.70	167	329781	42.77	ng		99
73) Di-n-butylphthalate	13.17	149	418682	47.94	ng		99
74) Fluoranthene	13.87	202	369554	41.97	ng		96
76) Benzidine	14.07	184	141976	25.39	ng		98
77) Pyrene	14.15	202	381110	41.80	ng		98
79) Butylbenzylphthalate	15.01	149	179685	51.71	ng	#	81
80) Benzo(a)anthracene	15.63	228	358723	41.52	ng		100
81) 3,3'-Dichlorobenzidine	15.62	252	65175	22.52	ng	#	98
82) Chrysene	15.67	228	334143	41.16	ng		99
83) Bis(2-ethylhexyl)phthalate	15.73	149	274459	50.36	ng		99
84) Di-n-octyl phthalate	16.49	149	471658	52.71	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.51	276	381738m	41.44	ng		
87) Benzo(b)fluoranthene	16.88	252	417871	50.06	ng	#	98
88) Benzo(k)fluoranthene	16.91	252	274218m	36.96	ng		
89) Benzo(a)pyrene	17.25	252	331079	45.44	ng		99
90) Dibenzo(a,h)anthracene	18.54	278	306982	42.09	ng		99
91) Benzo(g,h,i)perylene	18.86	276	301463	41.22	ng		99

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

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