Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078729.D
Acq On : 22 Apr 2015 22:09
Operator : TP/IZ
Sample : PB82885BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82885BS

Manual Integrations APPROVED
apatel
4/23/2015 2:14:39 PM

Quant Time: Apr 23 01:37:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 00:55:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	27041	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	110286	20.00	ng		-0.01
38) Acenaphthene-d10	11.13	164	55343	20.00	ng		0.00
63) Phenanthrene-d10	13.86	188	113579	20.00	ng		0.00
75) Chrysene-d12	17.74	240	120901	20.00	ng		0.00
86) Perylene-d12	19.44	264	121031	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.80	112	210455	128.32	ng		0.00
7) Phenol-d6	5.29	99	265598	129.22	ng		0.00
23) Nitrobenzene-d5	6.73	82	156199	85.85	ng		0.00
41) 2,4,6-Tribromophenol	12.61	330	70962	154.60	ng		0.00
44) 2-Fluorobiphenyl	9.96	172	337250	87.11	ng		0.00
78) Terphenyl-d14	16.40	244	429178	80.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.38	88	22319	30.09	ng	#	23
3) Pyridine	1.86	79	69155	35.60	ng		93
4) n-Nitrosodimethylamine	1.82	42	36690	49.06	ng		80
6) Aniline	5.28	93	67221	23.06	ng		92
8) 2-Chlorophenol	5.45	128	80633	41.58	ng		98
9) Benzaldehyde	5.10	77	6033	4.43	ng		91
10) Phenol	5.31	94	100909	40.97	ng		97
11) bis(2-Chloroethyl)ether	5.42	93	70363	39.73	ng		95
12) 1,3-Dichlorobenzene	5.68	146	83152	39.03	ng		99
13) 1,4-Dichlorobenzene	5.82	146	84890	39.59	ng		97
14) 1,2-Dichlorobenzene	6.04	146	80286	39.93	ng		99
15) Benzyl Alcohol	6.07	79	66583	46.10	ng		89
16) 2,2'-oxybis(1-Chloropropan	6.31	45	93724	39.67	ng		86
17) 2-Methylphenol	6.30	107	63353	42.08	ng		95
18) Hexachloroethane	6.59	117	28446	39.34	ng	#	81
19) n-Nitroso-di-n-propylamine	6.52	70	56273	41.50	ng		93
20) 3+4-Methylphenols	6.57	107	82067	40.86	ng		92
22) Acetophenone	6.49	105	110239	42.90	ng	#	94
24) Nitrobenzene	6.76	77	78892	41.48	ng		93
25) Isophorone	7.19	82	145095	42.02	ng		94
26) 2-Nitrophenol	7.31	139	40042	44.18	ng		98
27) 2,4-Dimethylphenol	7.47	122	72504	43.02	ng		97
28) bis(2-Chloroethoxy)methane	7.63	93	90380	40.82	ng		99
29) 2,4-Dichlorophenol	7.75	162	67337	43.91	ng		89
30) 1,2,4-Trichlorobenzene	7.87	180	69737	39.67	ng		98
31) Naphthalene	7.99	128	228401	39.79	ng		99
32) Benzoic acid	7.71	122	41721	52.07	ng		97
33) 4-Chloroaniline	8.15	127	55476	23.29	ng		97
34) Hexachlorobutadiene	8.24	225	38955	40.35	ng		96
35) Caprolactam	8.78	113	21457m	46.88	ng		
36) 4-Chloro-3-methylphenol	9.11	107	72455	46.83	ng		94
37) 2-Methylnaphthalene	9.24	142	157794	40.49	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	68803	40.12	ng		99
40) Hexachlorocyclopentadiene	9.54	237	52499	71.87	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	47372	43.80	ng		99
43) 2,4,5-Trichlorophenol	9.88	196	48873	43.26	ng	#	92
45) 1,1'-Biphenyl	10.12	154	190490	42.08	ng		97
46) 2-Chloronaphthalene	10.12	162	145838	40.95	ng		98
47) 2-Nitroaniline	10.38	65	42966	48.76	ng	#	62
48) Acenaphthylene	10.87	152	245928	42.76	ng		100
49) Dimethylphthalate	10.78	163	180630	43.44	ng	#	98
50) 2,6-Dinitrotoluene	10.87	165	37908	44.31	ng	#	48
51) Acenaphthene	11.20	154	138991	42.92	ng		100
52) 3-Nitroaniline	11.14	138	31684	32.57	ng		97
53) 2,4-Dinitrophenol	11.37	184	26946	80.66	ng		95
54) Dibenzofuran	11.52	168	221181	44.72	ng		100
55) 4-Nitrophenol	11.58	139	52155	73.07	ng		88
56) 2,4-Dinitrotoluene	11.60	165	54572	49.26	ng	#	85
57) Fluorene	12.15	166	178899	44.62	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.79	232	36899	44.05	ng		97
59) Diethylphthalate	12.09	149	184914	46.12	ng		96
60) 4-Chlorophenyl-phenylether	12.22	204	82568	44.77	ng	#	85
61) 4-Nitroaniline	12.27	138	40162	40.85	ng		97
62) Azobenzene	12.50	77	169177	46.24	ng		93
64) 4,6-Dinitro-2-methylphenol	12.34	198	23177	42.34	ng		86
65) n-Nitrosodiphenylamine	12.46	169	156977	39.96	ng		97
66) 4-Bromophenyl-phenylether	13.11	248	51015	42.41	ng		96
67) Hexachlorobenzene	13.15	284	54492	41.34	ng		96
68) Atrazine	13.52	200	58024	50.99	ng		98
69) Pentachlorophenol	13.57	266	41817	72.36	ng		99
70) Phenanthrene	13.91	178	270795	41.22	ng		100
71) Anthracene	14.00	178	277814	42.91	ng		99
72) Carbazole	14.34	167	268789	44.30	ng		99
73) Di-n-butylphthalate	15.03	149	312960	45.53	ng		100
74) Fluoranthene	15.81	202	307513	44.38	ng		93
76) Benzidine	16.07	184	107448	23.08	ng		98
77) Pyrene	16.11	202	319382	42.08	ng		99
79) Butylbenzylphthalate	17.11	149	145453	50.28	ng	#	83
80) Benzo(a)anthracene	17.73	228	301372	41.90	ng		98
81) 3,3'-Dichlorobenzidine	17.74	252	86458	35.89	ng	#	98
82) Chrysene	17.77	228	289069	42.77	ng		99
83) Bis(2-ethylhexyl)phthalate	17.87	149	217088	47.85	ng		100
84) Di-n-octyl phthalate	18.65	149	373785	50.18	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.59	276	327538	42.71	ng	#	87
87) Benzo(b)fluoranthene	19.02	252	304423	40.70	ng		99
88) Benzo(k)fluoranthene	19.05	252	287331m	43.22	ng		
89) Benzo(a)pyrene	19.37	252	281290	43.09	ng	#	95
90) Dibenzo(a,h)anthracene	20.62	278	264313	40.44	ng		98
91) Benzo(g,h,i)perylene	20.90	276	269485	41.12	ng		96

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

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