Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078360.D
Acq On : 9 Apr 2015 14:33
Operator : TP/IZ
Sample : PB82625BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82625BSD

Manual Integrations APPROVED
apatel
4/10/2015 5:12:55 PM

Quant Time: Apr 10 01:28:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 00:58:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	26772	20.00	ng		0.00
21) Naphthalene-d8	8.46	136	113610	20.00	ng		0.00
38) Acenaphthene-d10	10.62	164	59953	20.00	ng		0.00
63) Phenanthrene-d10	12.45	188	111777	20.00	ng		0.00
75) Chrysene-d12	15.76	240	112425	20.00	ng		0.03
86) Perylene-d12	17.61	264	103693	20.00	ng		0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	158792	97.79	ng		0.00
7) Phenol-d6	6.49	99	206897	101.67	ng		0.00
23) Nitrobenzene-d5	7.58	82	149960	80.01	ng		0.00
41) 2,4,6-Tribromophenol	11.60	330	49508	99.57	ng		-0.01
44) 2-Fluorobiphenyl	9.81	172	335509	79.99	ng		0.00
78) Terphenyl-d14	14.44	244	379805	76.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.72	88	25829	35.18	ng		96
3) Pyridine	2.32	79	93176	48.44	ng		94
4) n-Nitrosodimethylamine	2.26	42	35692m	48.21	ng		
6) Aniline	6.48	93	70717	24.51	ng		95
8) 2-Chlorophenol	6.61	128	92695	48.28	ng		91
9) Benzaldehyde	6.33	77	31160	23.10	ng		97
10) Phenol	6.50	94	120456	49.40	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	83274	47.49	ng		97
12) 1,3-Dichlorobenzene	6.81	146	96392	45.70	ng	#	92
13) 1,4-Dichlorobenzene	6.91	146	97641	45.99	ng		95
14) 1,2-Dichlorobenzene	7.08	146	91851	46.14	ng		98
15) Benzyl Alcohol	7.08	79	74265	51.93	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.26	45	111718	47.76	ng		98
17) 2-Methylphenol	7.25	107	74342	49.87	ng		97
18) Hexachloroethane	7.50	117	33462	46.74	ng		88
19) n-Nitroso-di-n-propylamine	7.42	70	65444	48.74	ng		100
20) 3+4-Methylphenols	7.45	107	99832	50.20	ng		93
22) Acetophenone	7.40	105	129868	49.06	ng	#	90
24) Nitrobenzene	7.61	77	92627	47.27	ng	#	84
25) Isophorone	7.92	82	168386	47.33	ng		100
26) 2-Nitrophenol	8.01	139	44732	47.91	ng		96
27) 2,4-Dimethylphenol	8.09	122	83840	48.29	ng		94
28) bis(2-Chloroethoxy)methane	8.20	93	103917	45.56	ng		98
29) 2,4-Dichlorophenol	8.32	162	78795	49.88	ng		98
30) 1,2,4-Trichlorobenzene	8.40	180	77898	43.01	ng	#	95
31) Naphthalene	8.49	128	265997	44.98	ng		99
32) Benzoic acid	8.22	122	49015	58.58	ng		94
33) 4-Chloroaniline	8.58	127	69141	28.18	ng		99
34) Hexachlorobutadiene	8.65	225	44617	44.87	ng		98
35) Caprolactam	9.01	113	25564	54.22	ng	#	85
36) 4-Chloro-3-methylphenol	9.21	107	79907	50.14	ng	#	79
37) 2-Methylnaphthalene	9.34	142	177583	44.23	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	79171	42.62	ng		99
40) Hexachlorocyclopentadiene	9.54	237	75584	93.28	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.71	196	57566	49.14	ng		97
43) 2,4,5-Trichlorophenol	9.76	196	61147	49.96	ng		92
45) 1,1'-Biphenyl	9.93	154	224619	45.80	ng		98
46) 2-Chloronaphthalene	9.95	162	175167	45.40	ng		94
47) 2-Nitroaniline	10.09	65	50892	53.31	ng	#	77
48) Acenaphthylene	10.45	152	284569	45.67	ng		100
49) Dimethylphthalate	10.33	163	205490	45.62	ng		98
50) 2,6-Dinitrotoluene	10.40	165	43859	47.33	ng	#	58
51) Acenaphthene	10.66	154	158406	45.16	ng		100
52) 3-Nitroaniline	10.60	138	35937	34.11	ng		84
53) 2,4-Dinitrophenol	10.74	184	33738	88.80	ng	#	86
54) Dibenzofuran	10.88	168	250913	46.83	ng		99
55) 4-Nitrophenol	10.84	139	73372	94.06	ng		88
56) 2,4-Dinitrotoluene	10.89	165	59332	49.43	ng	#	65
57) Fluorene	11.30	166	201554	46.41	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.04	232	44976	49.57	ng		97
59) Diethylphthalate	11.20	149	194856	44.87	ng		95
60) 4-Chlorophenyl-phenylether	11.32	204	94898	47.50	ng		93
61) 4-Nitroaniline	11.35	138	42918	40.29	ng		92
62) Azobenzene	11.51	77	212259	53.55	ng		99
64) 4,6-Dinitro-2-methylphenol	11.39	198	24776	45.25	ng	#	69
65) n-Nitrosodiphenylamine	11.47	169	177313	45.86	ng		99
66) 4-Bromophenyl-phenylether	11.92	248	57069	48.21	ng		96
67) Hexachlorobenzene	11.97	284	61814	47.65	ng	#	88
68) Atrazine	12.15	200	55036	49.15	ng		94
69) Pentachlorophenol	12.23	266	57148	97.47	ng		98
70) Phenanthrene	12.48	178	294531	45.55	ng		99
71) Anthracene	12.55	178	305964	48.02	ng		100
72) Carbazole	12.76	167	292222	48.94	ng		99
73) Di-n-butylphthalate	13.22	149	322367	47.66	ng		99
74) Fluoranthene	13.94	202	321498	47.15	ng		98
76) Benzidine	14.13	184	133848	30.92	ng		97
77) Pyrene	14.21	202	339018	48.04	ng		98
79) Butylbenzylphthalate	15.08	149	142167	52.85	ng	#	85
80) Benzo(a)anthracene	15.75	228	316978	47.39	ng		99
81) 3,3'-Dichlorobenzidine	15.73	252	69949	31.22	ng	#	98
82) Chrysene	15.79	228	291046	46.31	ng		98
83) Bis(2-ethylhexyl)phthalate	15.84	149	198964	47.16	ng	#	94
84) Di-n-octyl phthalate	16.69	149	348428m	50.30	ng		
85) Indeno(1,2,3-cd)pyrene	18.95	276	326446	45.78	ng	#	87
87) Benzo(b)fluoranthene	17.13	252	328578m	51.27	ng		
88) Benzo(k)fluoranthene	17.16	252	257121	45.15	ng	#	97
89) Benzo(a)pyrene	17.54	252	282217	50.46	ng	#	95
90) Dibenzo(a,h)anthracene	18.98	278	270327m	48.28	ng		
91) Benzo(g,h,i)perylene	19.31	276	273702m	48.75	ng		

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

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