Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078610.D
Acq On : 17 Apr 2015 17:31
Operator : TP/IZ
Sample : PB82843BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Manual Integrations APPROVED
apatel
4/20/2015 3:56:47 PM

Quant Time: Apr 18 05:25:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 18 05:04:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	47319	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	187785	20.00	ng		0.00
38) Acenaphthene-d10	10.41	164	100784	20.00	ng		0.00
63) Phenanthrene-d10	12.22	188	209175	20.00	ng		0.00
75) Chrysene-d12	15.47	240	227804	20.00	ng		0.01
86) Perylene-d12	17.20	264	231005	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	249188	86.83	ng		0.00
7) Phenol-d6	6.28	99	320934	89.23	ng		0.00
23) Nitrobenzene-d5	7.38	82	188388	60.81	ng		0.00
41) 2,4,6-Tribromophenol	11.38	330	90078	107.77	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	391846	55.58	ng		0.00
78) Terphenyl-d14	14.21	244	540317	53.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.48	88	29332m	22.60	ng		
3) Pyridine	2.01	79	85951	25.28	ng		99
4) n-Nitrosodimethylamine	1.96	42	34252m	26.18	ng		
6) Aniline	6.26	93	83830	16.44	ng	#	86
8) 2-Chlorophenol	6.41	128	96640	28.48	ng		91
9) Benzaldehyde	6.11	77	16305	6.84	ng		100
10) Phenol	6.30	94	117157	27.19	ng		92
11) bis(2-Chloroethyl)ether	6.39	93	83005	26.78	ng		98
12) 1,3-Dichlorobenzene	6.59	146	98563	26.44	ng	#	92
13) 1,4-Dichlorobenzene	6.70	146	101084	26.94	ng		96
14) 1,2-Dichlorobenzene	6.88	146	94153	26.76	ng		94
15) Benzyl Alcohol	6.88	79	77827	30.79	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	115324	27.90	ng		83
17) 2-Methylphenol	7.05	107	78535	29.81	ng		96
18) Hexachloroethane	7.29	117	35346	27.93	ng	#	87
19) n-Nitroso-di-n-propylamine	7.22	70	68368	28.81	ng		92
20) 3+4-Methylphenols	7.24	107	103826	29.54	ng		99
22) Acetophenone	7.20	105	134247	30.68	ng	#	90
24) Nitrobenzene	7.40	77	97300	30.04	ng		89
25) Isophorone	7.71	82	176671	30.05	ng		99
26) 2-Nitrophenol	7.79	139	46650	30.23	ng	#	82
27) 2,4-Dimethylphenol	7.90	122	87578	30.52	ng		100
28) bis(2-Chloroethoxy)methane	8.01	93	110610	29.34	ng		99
29) 2,4-Dichlorophenol	8.10	162	83527	31.99	ng		89
30) 1,2,4-Trichlorobenzene	8.19	180	84657	28.28	ng		97
31) Naphthalene	8.27	128	270576	27.68	ng		99
32) Benzoic acid	8.06	122	51165	39.13	ng		96
33) 4-Chloroaniline	8.38	127	72769	17.94	ng		97
34) Hexachlorobutadiene	8.44	225	48372	29.43	ng		99
35) Caprolactam	8.81	113	26315m	33.76	ng		
36) 4-Chloro-3-methylphenol	9.00	107	87146	33.08	ng		94
37) 2-Methylnaphthalene	9.13	142	192151	28.96	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.35	216	84248	26.98	ng		99
40) Hexachlorocyclopentadiene	9.32	237	74997	57.85	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.51	196	57408	29.15	ng		96
43) 2,4,5-Trichlorophenol	9.55	196	64483	31.34	ng	#	87
45) 1,1'-Biphenyl	9.71	154	232302	28.18	ng		97
46) 2-Chloronaphthalene	9.74	162	180038	27.76	ng		94
47) 2-Nitroaniline	9.87	65	50604	31.53	ng		96
48) Acenaphthylene	10.23	152	293592	28.03	ng		99
49) Dimethylphthalate	10.12	163	231512	30.58	ng		98
50) 2,6-Dinitrotoluene	10.19	165	49785	31.96	ng	#	76
51) Acenaphthene	10.44	154	170448	28.90	ng		100
52) 3-Nitroaniline	10.39	138	40179	22.68	ng		91
53) 2,4-Dinitrophenol	10.54	184	40424	70.83	ng	#	82
54) Dibenzofuran	10.66	168	272023	30.20	ng		100
55) 4-Nitrophenol	10.64	139	88157m	68.02	ng		
56) 2,4-Dinitrotoluene	10.68	165	70244	34.82	ng		90
57) Fluorene	11.09	166	225667	30.91	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.82	232	48795	31.99	ng		99
59) Diethylphthalate	10.99	149	228259	31.27	ng		99
60) 4-Chlorophenyl-phenylether	11.10	204	102180	30.42	ng	#	77
61) 4-Nitroaniline	11.13	138	48418	27.04	ng		90
62) Azobenzene	11.29	77	233943	35.11	ng		96
64) 4,6-Dinitro-2-methylphenol	11.18	198	29957	32.27	ng		99
65) n-Nitrosodiphenylamine	11.26	169	198540	27.44	ng		98
66) 4-Bromophenyl-phenylether	11.69	248	62971	28.43	ng		94
67) Hexachlorobenzene	11.75	284	68160	28.08	ng		93
68) Atrazine	11.94	200	70847	33.81	ng		97
69) Pentachlorophenol	12.00	266	60873	58.82	ng		99
70) Phenanthrene	12.25	178	333807	27.59	ng		99
71) Anthracene	12.32	178	340797	28.58	ng		98
72) Carbazole	12.53	167	330115	29.54	ng		99
73) Di-n-butylphthalate	13.01	149	415734	32.84	ng		99
74) Fluoranthene	13.70	202	382600	29.98	ng		97
76) Benzidine	13.91	184	197676	22.54	ng		98
77) Pyrene	13.98	202	389018	27.20	ng		97
79) Butylbenzylphthalate	14.83	149	186312	34.18	ng		95
80) Benzo(a)anthracene	15.46	228	392978	28.99	ng		98
81) 3,3'-Dichlorobenzidine	15.45	252	89526	19.72	ng	#	97
82) Chrysene	15.51	228	367536	28.86	ng		99
83) Bis(2-ethylhexyl)phthalate	15.57	149	282564	33.05	ng	#	97
84) Di-n-octyl phthalate	16.37	149	511024	36.41	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.41	276	432764	29.95	ng	#	87
87) Benzo(b)fluoranthene	16.75	252	464689	32.55	ng	#	98
88) Benzo(k)fluoranthene	16.79	252	285788m	22.53	ng		
89) Benzo(a)pyrene	17.13	252	368925	29.61	ng	#	95
90) Dibenzo(a,h)anthracene	18.43	278	347197	27.83	ng	#	96
91) Benzo(g,h,i)perylene	18.74	276	344413	27.54	ng	#	94

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

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