Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077795.D
Acq On : 18 Mar 2015 11:46
Operator : TP/IZ
Sample : PB82120BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Manual Integrations APPROVED
mohammad
3/20/2015 1:48:08 PM

Quant Time: Mar 19 01:37:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 13:16:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	49913	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	208090	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	105464	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	206183	20.00	ng		0.00
75) Chrysene-d12	16.04	240	209119	20.00	ng		-0.09
86) Perylene-d12	17.81	264	196304	20.00	ng		-0.29
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	384658	134.52	ng		0.01
7) Phenol-d6	6.73	99	473151	133.93	ng		0.00
23) Nitrobenzene-d5	7.86	82	285082	89.80	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	120697	119.61	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	612884	85.40	ng		0.00
78) Terphenyl-d14	14.74	244	684288m	79.93	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	41064	31.63	ng	#	100
3) Pyridine	2.75	79	114609	32.86	ng		97
4) n-Nitrosodimethylamine	2.68	42	49330	32.48	ng		96
6) Aniline	6.75	93	110668	21.90	ng	#	48
8) 2-Chlorophenol	6.89	128	138132	40.58	ng		97
9) Benzaldehyde	6.60	77	13301	9.19	ng		93
10) Phenol	6.75	94	163502	39.15	ng		92
11) bis(2-Chloroethyl)ether	6.85	93	129046	41.25	ng		95
12) 1,3-Dichlorobenzene	7.08	146	141110	37.27	ng		99
13) 1,4-Dichlorobenzene	7.18	146	141177	35.89	ng		99
14) 1,2-Dichlorobenzene	7.37	146	136572	37.87	ng		98
15) Benzyl Alcohol	7.34	79	107534	38.99	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.53	45	168975	40.08	ng		99
17) 2-Methylphenol	7.49	107	111988	40.42	ng		97
18) Hexachloroethane	7.78	117	48584	37.66	ng		96
19) n-Nitroso-di-n-propylamine	7.68	70	90730	37.12	ng		98
20) 3+4-Methylphenols	7.69	107	143010	39.33	ng		97
22) Acetophenone	7.68	105	183560	39.85	ng	#	91
24) Nitrobenzene	7.88	77	135743	39.69	ng	#	81
25) Isophorone	8.18	82	251600	39.24	ng		97
26) 2-Nitrophenol	8.27	139	67229	40.15	ng		92
27) 2,4-Dimethylphenol	8.34	122	128105	42.00	ng		96
28) bis(2-Chloroethoxy)methane	8.46	93	155437	39.94	ng		98
29) 2,4-Dichlorophenol	8.57	162	117856	40.54	ng		96
30) 1,2,4-Trichlorobenzene	8.67	180	121887	37.47	ng		97
31) Naphthalene	8.76	128	399053	37.34	ng		100
32) Benzoic acid	8.45	122	58958	35.51	ng		98
33) 4-Chloroaniline	8.84	127	101474	23.40	ng		96
34) Hexachlorobutadiene	8.92	225	65856	35.72	ng		98
35) Caprolactam	9.26	113	34939	41.12	ng		97
36) 4-Chloro-3-methylphenol	9.45	107	117622	40.21	ng	#	84
37) 2-Methylnaphthalene	9.62	142	268512	37.40	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	117869	37.47	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	111929	71.43	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	82749	37.98	ng		99
43) 2,4,5-Trichlorophenol	10.02	196	88971	37.80	ng	#	86
45) 1,1'-Biphenyl	10.20	154	320664	38.04	ng		98
46) 2-Chloronaphthalene	10.22	162	270827	39.53	ng		96
47) 2-Nitroaniline	10.35	65	70878	41.65	ng	#	77
48) Acenaphthylene	10.73	152	414364	36.37	ng		100
49) Dimethylphthalate	10.60	163	298511	38.16	ng		98
50) 2,6-Dinitrotoluene	10.67	165	68620	42.32	ng	#	75
51) Acenaphthene	10.94	154	238175	36.46	ng		99
52) 3-Nitroaniline	10.86	138	53489	28.41	ng	#	81
53) 2,4-Dinitrophenol	11.00	184	51106	85.21	ng	#	82
54) Dibenzofuran	11.16	168	372232	38.42	ng		95
55) 4-Nitrophenol	11.09	139	120560	86.43	ng		98
56) 2,4-Dinitrotoluene	11.16	165	90938	43.01	ng		83
57) Fluorene	11.58	166	299161	37.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	70168	38.71	ng	#	100
59) Diethylphthalate	11.47	149	295202	38.73	ng		96
60) 4-Chlorophenyl-phenylether	11.60	204	137652	37.49	ng		90
61) 4-Nitroaniline	11.62	138	68624	36.57	ng		79
62) Azobenzene	11.79	77	278820	38.28	ng		91
64) 4,6-Dinitro-2-methylphenol	11.66	198	35401	37.41	ng	#	73
65) n-Nitrosodiphenylamine	11.74	169	256971	37.43	ng		99
66) 4-Bromophenyl-phenylether	12.20	248	81353	36.97	ng	#	85
67) Hexachlorobenzene	12.26	284	89595	37.06	ng	#	88
68) Atrazine	12.42	200	78802	40.96	ng		94
69) Pentachlorophenol	12.51	266	93701	74.23	ng		97
70) Phenanthrene	12.77	178	447125	37.78	ng		98
71) Anthracene	12.84	178	456928	39.07	ng		100
72) Carbazole	13.05	167	431591	38.80	ng		99
73) Di-n-butylphthalate	13.51	149	469592	37.65	ng		99
74) Fluoranthene	14.25	202	485021	37.15	ng		95
76) Benzidine	14.43	184	171400m	33.05	ng		
77) Pyrene	14.53	202	528117m	40.16	ng		
79) Butylbenzylphthalate	15.37	149	205211	39.58	ng		97
80) Benzo(a)anthracene	16.03	228	487606	39.33	ng		99
81) 3,3'-Dichlorobenzidine	16.01	252	122545	29.97	ng		99
82) Chrysene	16.08	228	447680	40.16	ng		99
83) Bis(2-ethylhexyl)phthalate	16.10	149	292521	37.25	ng		99
84) Di-n-octyl phthalate	16.91	149	481236m	35.84	ng		
85) Indeno(1,2,3-cd)pyrene	19.22	276	506561m	36.41	ng		
87) Benzo(b)fluoranthene	17.36	252	461346m	36.00	ng		
88) Benzo(k)fluoranthene	17.39	252	467012m	46.65	ng		
89) Benzo(a)pyrene	17.75	252	446113	41.72	ng		98
90) Dibenzo(a,h)anthracene	19.24	278	421187m	39.71	ng		
91) Benzo(g,h,i)perylene	19.63	276	443431m	41.07	ng		

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

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