Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075516.D
Acq On : 15 Nov 2014 1:45
Operator : TP / JJ
Sample : PB80204BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB80204BS

Manual Integrations APPROVED
mohammad
11/17/2014 7:35:09 PM

Quant Time: Nov 16 04:21:13 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	46742	20.00	ng		-0.02
21) Naphthalene-d8	9.13	136	207729	20.00	ng		-0.02
38) Acenaphthene-d10	11.32	164	102963	20.00	ng		-0.02
63) Phenanthrene-d10	13.16	188	162147	20.00	ng		-0.03
75) Chrysene-d12	16.46	240	164188	20.00	ng		-0.08
86) Perylene-d12	18.21	264	169087	20.00	ng		-0.23
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	414075	156.50	ng		-0.02
7) Phenol-d6	7.10	99	521230	163.82	ng		-0.01
23) Nitrobenzene-d5	8.24	82	283667	100.12	ng		-0.02
41) 2,4,6-Tribromophenol	12.30	330	119230	138.26	ng		-0.02
44) 2-Fluorobiphenyl	10.48	172	549999	96.52	ng		-0.01
78) Terphenyl-d14	15.16	244	556870m	91.31	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	47017	42.33	ng		95
3) Pyridine	3.27	79	135124m	45.27	ng		
4) n-Nitrosodimethylamine	3.19	42	75985m	48.10	ng		
6) Aniline	7.13	93	131476	28.61	ng		98
8) 2-Chlorophenol	7.28	128	142183	46.43	ng		95
9) Benzaldehyde	7.00	77	4741	2.22	ng		92
10) Phenol	7.11	94	189622	48.85	ng		87
11) bis(2-Chloroethyl)ether	7.24	93	145032	49.33	ng	#	81
12) 1,3-Dichlorobenzene	7.48	146	151357	45.36	ng		97
13) 1,4-Dichlorobenzene	7.57	146	149048	43.90	ng		97
14) 1,2-Dichlorobenzene	7.76	146	142066	44.63	ng	#	90
15) Benzyl Alcohol	7.73	79	108698	43.52	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.91	45	284696	46.78	ng		94
17) 2-Methylphenol	7.86	107	117616	46.39	ng		97
18) Hexachloroethane	8.17	117	54330	46.67	ng		99
19) n-Nitroso-di-n-propylamine	8.06	70	99906	46.08	ng		93
20) 3+4-Methylphenols	8.06	107	151440	45.62	ng		89
22) Acetophenone	8.06	105	207725	46.35	ng		96
24) Nitrobenzene	8.26	77	154991	47.20	ng		99
25) Isophorone	8.56	82	279126	43.15	ng		99
26) 2-Nitrophenol	8.65	139	66695	44.58	ng		94
27) 2,4-Dimethylphenol	8.71	122	127955	44.13	ng		97
28) bis(2-Chloroethoxy)methane	8.84	93	184060	46.69	ng		98
29) 2,4-Dichlorophenol	8.95	162	113237	44.57	ng		97
30) 1,2,4-Trichlorobenzene	9.06	180	112745	42.27	ng		99
31) Naphthalene	9.16	128	426588	46.06	ng		100
32) Benzoic acid	8.80	122	92692m	52.90	ng		
33) 4-Chloroaniline	9.22	127	92751	23.05	ng		99
34) Hexachlorobutadiene	9.32	225	58300	40.44	ng		96
35) Caprolactam	9.64	113	36730	43.63	ng		96
36) 4-Chloro-3-methylphenol	9.82	107	119031	42.70	ng		92
37) 2-Methylnaphthalene	10.01	142	277209	43.87	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	101694	48.05	ng		98
40) Hexachlorocyclopentadiene	10.21	237	131428	102.22	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	72730	43.21	ng		98
43) 2,4,5-Trichlorophenol	10.41	196	76332	43.54	ng		97
45) 1,1'-Biphenyl	10.60	154	321817	46.34	ng		99
46) 2-Chloronaphthalene	10.62	162	256878	47.30	ng		98
47) 2-Nitroaniline	10.74	65	80406	49.21	ng	#	85
48) Acenaphthylene	11.13	152	432226	48.27	ng		99
49) Dimethylphthalate	10.98	163	300647	42.72	ng		100
50) 2,6-Dinitrotoluene	11.05	165	64396	46.45	ng	#	80
51) Acenaphthene	11.35	154	275088	50.90	ng		98
52) 3-Nitroaniline	11.26	138	55751	34.10	ng	#	90
53) 2,4-Dinitrophenol	11.38	184	59268	77.40	ng		84
54) Dibenzofuran	11.57	168	359396	46.53	ng		94
55) 4-Nitrophenol	11.45	139	121896	93.28	ng		97
56) 2,4-Dinitrotoluene	11.56	165	85621	47.01	ng	#	90
57) Fluorene	11.99	166	287706	46.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	62997	45.28	ng	#	94
59) Diethylphthalate	11.86	149	297681	40.76	ng		97
60) 4-Chlorophenyl-phenylether	12.00	204	122586	45.64	ng		89
61) 4-Nitroaniline	12.01	138	76957	47.09	ng	#	81
62) Azobenzene	12.20	77	292230	45.48	ng		90
64) 4,6-Dinitro-2-methylphenol	12.05	198	36510	44.52	ng	#	43
65) n-Nitrosodiphenylamine	12.14	169	238642	46.53	ng		99
66) 4-Bromophenyl-phenylether	12.61	248	72322	47.41	ng	#	87
67) Hexachlorobenzene	12.68	284	82704	47.74	ng	#	83
68) Atrazine	12.81	200	73602	46.25	ng		97
69) Pentachlorophenol	12.92	266	97156	89.35	ng		97
70) Phenanthrene	13.19	178	433797	50.83	ng		99
71) Anthracene	13.26	178	440313	49.92	ng		99
72) Carbazole	13.45	167	412720	47.82	ng		99
73) Di-n-butylphthalate	13.90	149	496421	41.64	ng		100
74) Fluoranthene	14.67	202	448022	49.02	ng		99
76) Benzidine	14.84	184	205579m	39.38	ng		
77) Pyrene	14.95	202	466534m	48.88	ng		
79) Butylbenzylphthalate	15.76	149	212611	39.66	ng	#	79
80) Benzo(a)anthracene	16.45	228	441445	51.18	ng		99
81) 3,3'-Dichlorobenzidine	16.41	252	80386	25.24	ng	#	95
82) Chrysene	16.49	228	387114	51.89	ng		99
83) Bis(2-ethylhexyl)phthalate	16.48	149	317152	37.56	ng	#	99
84) Di-n-octyl phthalate	17.27	149	558371m	37.56	ng		
85) Indeno(1,2,3-cd)pyrene	19.76	276	507122m	56.03	ng		
87) Benzo(b)fluoranthene	17.74	252	475777	52.63	ng		99
88) Benzo(k)fluoranthene	17.77	252	376534m	46.41	ng		
89) Benzo(a)pyrene	18.14	252	420395	51.97	ng	#	96
90) Dibenzo(a,h)anthracene	19.80	278	427216	50.57	ng		98
91) Benzo(g,h,i)perylene	20.23	276	451609	56.11	ng		97

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

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