Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077484.D
Acq On : 27 Feb 2015 2:10
Operator : TP/IZ
Sample : PB81906BS
Misc : S
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81906BS

Manual Integrations APPROVED
apatel
2/27/2015 4:21:27 PM

Quant Time: Feb 27 07:22:12 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 27 07:02:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	80566	20.00	ng		0.00
21) Naphthalene-d8	8.84	136	325272	20.00	ng		0.00
38) Acenaphthene-d10	11.02	164	170892	20.00	ng		0.00
63) Phenanthrene-d10	12.86	188	343993	20.00	ng		0.00
75) Chrysene-d12	16.15	240	369762	20.00	ng		0.00
86) Perylene-d12	17.89	264	366033	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	442885	91.77	ng		0.00
7) Phenol-d6	6.82	99	543647	87.62	ng		0.00
23) Nitrobenzene-d5	7.96	82	326581	62.44	ng		0.00
41) 2,4,6-Tribromophenol	12.00	330	153741	93.43	ng		0.00
44) 2-Fluorobiphenyl	10.19	172	736842	67.23	ng		0.00
78) Terphenyl-d14	14.86	244	907993	57.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	41840	20.43	ng		99
3) Pyridine	2.97	79	123251	21.04	ng		93
4) n-Nitrosodimethylamine	2.87	42	71316	28.00	ng		93
6) Aniline	6.85	93	136558	15.92	ng		98
8) 2-Chlorophenol	7.00	128	159707	28.05	ng		84
10) Phenol	6.84	94	203581	27.65	ng		94
11) bis(2-Chloroethyl)ether	6.96	93	154471	29.20	ng		95
12) 1,3-Dichlorobenzene	7.19	146	171999	27.74	ng	#	88
13) 1,4-Dichlorobenzene	7.29	146	174765	27.71	ng		98
14) 1,2-Dichlorobenzene	7.47	146	166814	27.81	ng		99
15) Benzyl Alcohol	7.45	79	138052	29.27	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.63	45	210079	27.78	ng		99
17) 2-Methylphenol	7.59	107	127144	28.57	ng		96
18) Hexachloroethane	7.89	117	60167	28.56	ng		100
19) n-Nitroso-di-n-propylamine	7.78	70	111436	28.28	ng		98
20) 3+4-Methylphenols	7.78	107	169353	28.90	ng		92
22) Acetophenone	7.77	105	218270	28.53	ng	#	94
24) Nitrobenzene	7.98	77	166574	30.27	ng		98
25) Isophorone	8.28	82	301951	29.10	ng		99
26) 2-Nitrophenol	8.37	139	76221	33.79	ng		98
27) 2,4-Dimethylphenol	8.43	122	143257	28.39	ng		94
28) bis(2-Chloroethoxy)methane	8.56	93	181309	27.66	ng		98
29) 2,4-Dichlorophenol	8.67	162	146389	30.90	ng		96
30) 1,2,4-Trichlorobenzene	8.77	180	148451	28.50	ng		98
31) Naphthalene	8.87	128	468703	28.81	ng		100
32) Benzoic acid	8.52	122	76258	31.10	ng		97
33) 4-Chloroaniline	8.94	127	110222	15.24	ng		99
34) Hexachlorobutadiene	9.03	225	87966	29.59	ng		98
35) Caprolactam	9.36	113	42405	29.32	ng		91
36) 4-Chloro-3-methylphenol	9.55	107	138479	29.08	ng		87
37) 2-Methylnaphthalene	9.73	142	333150	28.84	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.93	216	149999	30.59	ng		98
40) Hexachlorocyclopentadiene	9.92	237	161965	61.60	ng		94
42) 2,4,6-Trichlorophenol	10.08	196	102399	31.53	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.12	196	110477	31.82	ng	#	93
45) 1,1'-Biphenyl	10.31	154	396055	30.59	ng		99
46) 2-Chloronaphthalene	10.33	162	314642	30.99	ng		99
47) 2-Nitroaniline	10.46	65	81279	32.52	ng		96
48) Acenaphthylene	10.84	152	517592	32.20	ng		100
49) Dimethylphthalate	10.70	163	370354	30.83	ng		100
50) 2,6-Dinitrotoluene	10.77	165	82288	34.16	ng		96
51) Acenaphthene	11.06	154	300101	31.29	ng		100
52) 3-Nitroaniline	10.97	138	61093	22.00	ng		98
53) 2,4-Dinitrophenol	11.10	184	57537	78.49	ng		93
54) Dibenzofuran	11.27	168	458946	30.99	ng		99
55) 4-Nitrophenol	11.18	139	153950	68.91	ng		90
56) 2,4-Dinitrotoluene	11.26	165	114087	35.05	ng		91
57) Fluorene	11.70	166	377633	31.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.43	232	94930	34.01	ng		98
59) Diethylphthalate	11.58	149	370077	31.25	ng		98
60) 4-Chlorophenyl-phenylether	11.71	204	176999	31.02	ng		98
61) 4-Nitroaniline	11.72	138	84277	31.66	ng		98
62) Azobenzene	11.90	77	345145	30.72	ng		98
64) 4,6-Dinitro-2-methylphenol	11.76	198	37405	28.86	ng		98
65) n-Nitrosodiphenylamine	11.86	169	333679	29.24	ng		100
66) 4-Bromophenyl-phenylether	12.32	248	109840	27.27	ng		96
67) Hexachlorobenzene	12.37	284	116981	27.06	ng	#	91
68) Atrazine	12.53	200	105906	28.54	ng		92
69) Pentachlorophenol	12.62	266	134176	59.05	ng		98
70) Phenanthrene	12.89	178	556070	27.89	ng		99
71) Anthracene	12.95	178	563772	28.49	ng		100
72) Carbazole	13.16	167	552845	29.39	ng		99
73) Di-n-butylphthalate	13.61	149	621306	28.13	ng		99
74) Fluoranthene	14.37	202	607153	27.88	ng		95
76) Benzidine	14.55	184	265276	21.23	ng		99
77) Pyrene	14.65	202	652980	28.87	ng		99
79) Butylbenzylphthalate	15.48	149	283082	30.42	ng		91
80) Benzo(a)anthracene	16.14	228	656524	30.30	ng		99
81) 3,3'-Dichlorobenzidine	16.12	252	144014	18.14	ng	#	99
82) Chrysene	16.18	228	581600	28.58	ng		98
83) Bis(2-ethylhexyl)phthalate	16.20	149	435339	29.17	ng		98
84) Di-n-octyl phthalate	17.00	149	737780	29.61	ng		98
85) Indeno(1,2,3-cd)pyrene	19.36	276	700019	30.17	ng		100
87) Benzo(b)fluoranthene	17.45	252	618132m	29.04	ng		
88) Benzo(k)fluoranthene	17.48	252	618834	29.67	ng	#	94
89) Benzo(a)pyrene	17.83	252	603497	29.77	ng		98
90) Dibenzo(a,h)anthracene	19.38	278	591213	30.58	ng		99
91) Benzo(g,h,i)perylene	19.78	276	591208	30.30	ng		100

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

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