Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
Data File : BF092684.D
Acq On : 31 Jan 2017 16:45
Operator : SJ/MA
Sample : PB96561BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96561BS

Manual Integrations APPROVED
mohammad
2/1/2017 2:27:28 PM

Quant Time: Jan 31 17:41:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	145049	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	562809	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	289371	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	477190	20.00	ng		0.00
75) Chrysene-d12	14.13	240	370068	20.00	ng		-0.01
86) Perylene-d12	15.60	264	303971	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	943958	111.65	ng		-0.01
7) Phenol-d6	6.59	99	1271837	116.91	ng		-0.01
23) Nitrobenzene-d5	7.52	82	841845	83.30	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	238911	114.15	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1406319	88.05	ng		-0.01
78) Terphenyl-d14	13.07	244	1235161	78.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	163716	35.84	ng	#	84
3) Pyridine	3.40	79	486505	41.88	ng	#	83
4) n-Nitrosodimethylamine	3.36	42	237829	43.60	ng		83
6) Aniline	6.61	93	401737	27.07	ng	#	48
8) 2-Chlorophenol	6.74	128	393296	42.17	ng		95
9) Benzaldehyde	6.49	77	144316	18.52	ng		84
10) Phenol	6.60	94	465804	36.60	ng		92
11) bis(2-Chloroethyl)ether	6.68	93	389946	38.38	ng		92
12) 1,3-Dichlorobenzene	6.89	146	440305m	40.30	ng		
13) 1,4-Dichlorobenzene	6.97	146	451387	40.82	ng		95
14) 1,2-Dichlorobenzene	7.12	146	391227	37.00	ng		98
15) Benzyl Alcohol	7.09	79	356234	44.23	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	743463	42.12	ng		93
17) 2-Methylphenol	7.21	107	315385	39.41	ng		98
18) Hexachloroethane	7.46	117	148906	39.45	ng		91
19) n-Nitroso-di-n-propylamine	7.36	70	276185	39.88	ng		92
20) 3+4-Methylphenols	7.37	107	406145	42.45	ng	#	87
22) Acetophenone	7.36	105	541274	42.12	ng	#	94
24) Nitrobenzene	7.53	77	429281	41.37	ng		97
25) Isophorone	7.77	82	792726	42.09	ng		94
26) 2-Nitrophenol	7.85	139	199717	40.49	ng		91
27) 2,4-Dimethylphenol	7.89	122	360790	41.64	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	485473	38.92	ng		100
29) 2,4-Dichlorophenol	8.10	162	343556	42.52	ng		92
30) 1,2,4-Trichlorobenzene	8.18	180	350803	40.29	ng		97
31) Naphthalene	8.26	128	1066801	37.39	ng		99
32) Benzoic acid	8.00	122	108654	26.00	ng		97
33) 4-Chloroaniline	8.30	127	225690	20.17	ng	#	93
34) Hexachlorobutadiene	8.37	225	175211	36.57	ng		99
35) Caprolactam	8.67	113	99582	39.18	ng	#	48
36) 4-Chloro-3-methylphenol	8.81	107	322021	38.23	ng	#	84
37) 2-Methylnaphthalene	8.96	142	713458	38.95	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	314259	38.69	ng		99
40) Hexachlorocyclopentadiene	9.10	237	264946	72.29	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	221288	41.46	ng		91
43) 2,4,5-Trichlorophenol	9.28	196	222420	38.03	ng		95
45) 1,1'-Biphenyl	9.42	154	906473	43.26	ng		99
46) 2-Chloronaphthalene	9.45	162	691773	42.20	ng		98
47) 2-Nitroaniline	9.54	65	193559	35.12	ng		94
48) Acenaphthylene	9.86	152	1006554	35.55	ng		99
49) Dimethylphthalate	9.72	163	781719	40.11	ng		99
50) 2,6-Dinitrotoluene	9.79	165	169607	40.29	ng	#	77
51) Acenaphthene	10.03	154	637038	37.63	ng		97
52) 3-Nitroaniline	9.95	138	110931	23.03	ng		96
53) 2,4-Dinitrophenol	10.06	184	75768	38.02	ng		96
54) Dibenzofuran	10.20	168	939903	41.51	ng		99
55) 4-Nitrophenol	10.13	139	282565	81.44	ng		83
56) 2,4-Dinitrotoluene	10.19	165	235141	41.96	ng		89
57) Fluorene	10.56	166	723446	41.53	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	172079	44.11	ng		98
59) Diethylphthalate	10.42	149	726887	39.57	ng		100
60) 4-Chlorophenyl-phenylether	10.54	204	349483	41.76	ng	#	82
61) 4-Nitroaniline	10.57	138	176771	35.83	ng		93
62) Azobenzene	10.70	77	844880	44.52	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	71890	26.04	ng		93
65) n-Nitrosodiphenylamine	10.66	169	589780	38.69	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	205667	41.25	ng	#	87
67) Hexachlorobenzene	11.10	284	199440	40.48	ng	#	88
68) Atrazine	11.20	200	197123	40.30	ng		90
69) Pentachlorophenol	11.30	266	156032	63.03	ng		97
70) Phenanthrene	11.52	178	1039411	38.02	ng		98
71) Anthracene	11.57	178	1118540	40.74	ng		97
72) Carbazole	11.72	167	889323	33.89	ng		99
73) Di-n-butylphthalate	12.05	149	1198847	42.24	ng	#	96
74) Fluoranthene	12.70	202	1002575	35.55	ng		97
76) Benzidine	12.83	184	314569	19.95	ng		96
77) Pyrene	12.93	202	1060275	38.28	ng		99
79) Butylbenzylphthalate	13.55	149	507612	45.14	ng		85
80) Benzo(a)anthracene	14.12	228	890197	39.33	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	179270	22.22	ng		95
82) Chrysene	14.16	228	840552	39.66	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	629921	40.96	ng		99
84) Di-n-octyl phthalate	14.72	149	1101014	43.96	ng		99
85) Indeno(1,2,3-cd)pyrene	17.07	276	758112	46.19	ng		95
87) Benzo(b)fluoranthene	15.17	252	861006m	43.03	ng		
88) Benzo(k)fluoranthene	15.20	252	585487m	33.89	ng		
89) Benzo(a)pyrene	15.54	252	708717	40.95	ng	#	96
90) Dibenzo(a,h)anthracene	17.08	278	636007	45.47	ng	#	95
91) Benzo(g,h,i)perylene	17.52	276	653807	46.27	ng	#	91

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

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