Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092955.D
Acq On : 15 Feb 2017 17:13
Operator : SJ/MA
Sample : PB96953BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96953BS

Manual Integrations APPROVED
mohammad
2/16/2017 11:40:11 AM

Quant Time: Feb 16 07:32:34 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	138815	20.00	ng		-0.02
21) Naphthalene-d8	8.16	136	581913	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	315459	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	518703	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	464747	20.00	ng		-0.02
86) Perylene-d12	15.46	264	375067	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	995124	122.99	ng		-0.01
7) Phenol-d6	6.51	99	1364948	131.11	ng		-0.02
23) Nitrobenzene-d5	7.44	82	797184	76.29	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	309431	135.62	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	1371996	78.79	ng		-0.01
78) Terphenyl-d14	12.98	244	1382674	69.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	130649	29.88	ng	#	85
3) Pyridine	3.22	79	354547	31.89	ng		89
4) n-Nitrosodimethylamine	3.16	42	211798	40.57	ng		87
6) Aniline	6.53	93	386800	27.24	ng	#	72
8) 2-Chlorophenol	6.66	128	399511	44.76	ng		96
9) Benzaldehyde	6.42	77	88028	11.80	ng		96
10) Phenol	6.53	94	447420	36.73	ng		98
11) bis(2-Chloroethyl)ether	6.61	93	401461	41.29	ng		100
12) 1,3-Dichlorobenzene	6.81	146	412508	39.45	ng	#	93
13) 1,4-Dichlorobenzene	6.89	146	424913	40.16	ng		96
14) 1,2-Dichlorobenzene	7.04	146	382330	37.79	ng		97
15) Benzyl Alcohol	7.01	79	312726	40.57	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	647500	38.33	ng		92
17) 2-Methylphenol	7.14	107	333193	43.51	ng		95
18) Hexachloroethane	7.38	117	140387	38.86	ng		88
19) n-Nitroso-di-n-propylamine	7.29	70	256740	38.74	ng		95
20) 3+4-Methylphenols	7.29	107	375414	41.00	ng		89
22) Acetophenone	7.29	105	509358	38.34	ng	#	92
24) Nitrobenzene	7.46	77	458773	42.76	ng		92
25) Isophorone	7.70	82	781119	40.11	ng		99
26) 2-Nitrophenol	7.78	139	212733	41.71	ng	#	78
27) 2,4-Dimethylphenol	7.81	122	348097	38.86	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	452919	35.12	ng		99
29) 2,4-Dichlorophenol	8.02	162	360080	43.10	ng		94
30) 1,2,4-Trichlorobenzene	8.10	180	355411	39.48	ng		97
31) Naphthalene	8.18	128	1115354	37.81	ng		99
32) Benzoic acid	7.94	122	242476	47.81	ng		95
33) 4-Chloroaniline	8.22	127	177826	15.37	ng		95
34) Hexachlorobutadiene	8.29	225	177922	35.92	ng		100
35) Caprolactam	8.60	113	112169m	42.68	ng		
36) 4-Chloro-3-methylphenol	8.72	107	355789	40.85	ng		99
37) 2-Methylnaphthalene	8.86	142	720660	38.05	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	339243	38.31	ng		98
40) Hexachlorocyclopentadiene	9.02	237	301211	75.39	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	252449	43.39	ng		92
43) 2,4,5-Trichlorophenol	9.20	196	253603	39.78	ng	#	87
45) 1,1'-Biphenyl	9.33	154	914123	40.02	ng		97
46) 2-Chloronaphthalene	9.36	162	696036	38.95	ng		96
47) 2-Nitroaniline	9.46	65	261966	43.60	ng		88
48) Acenaphthylene	9.77	152	1140050	36.93	ng		98
49) Dimethylphthalate	9.64	163	903124	42.50	ng		99
50) 2,6-Dinitrotoluene	9.70	165	194334	42.35	ng	#	89
51) Acenaphthene	9.94	154	747779	40.52	ng		97
52) 3-Nitroaniline	9.87	138	116733	22.23	ng	#	79
53) 2,4-Dinitrophenol	9.97	184	166647	71.90	ng	#	60
54) Dibenzofuran	10.12	168	1007035	40.79	ng	#	88
55) 4-Nitrophenol	10.04	139	299998	79.32	ng		92
56) 2,4-Dinitrotoluene	10.10	165	247747	40.55	ng		94
57) Fluorene	10.45	166	724954	38.17	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	198454	46.66	ng		99
59) Diethylphthalate	10.34	149	878448	43.87	ng		95
60) 4-Chlorophenyl-phenylether	10.45	204	371528	40.72	ng	#	79
61) 4-Nitroaniline	10.49	138	220398	40.98	ng		85
62) Azobenzene	10.61	77	883584m	42.71	ng		
64) 4,6-Dinitro-2-methylphenol	10.51	198	123062	39.48	ng	#	57
65) n-Nitrosodiphenylamine	10.57	169	640564	38.66	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	220759	40.74	ng	#	77
67) Hexachlorobenzene	11.00	284	204501	38.19	ng	#	79
68) Atrazine	11.10	200	227029	42.69	ng		91
69) Pentachlorophenol	11.21	266	245305	87.95	ng		97
70) Phenanthrene	11.41	178	1134488	38.18	ng		99
71) Anthracene	11.47	178	1201003	40.24	ng		99
72) Carbazole	11.63	167	1148722	40.27	ng		97
73) Di-n-butylphthalate	11.95	149	1247187	40.43	ng		98
74) Fluoranthene	12.60	202	1128051	36.80	ng		98
76) Benzidine	12.73	184	332576	16.79	ng		97
77) Pyrene	12.83	202	1135661	32.65	ng		99
79) Butylbenzylphthalate	13.45	149	552029	39.09	ng		95
80) Benzo(a)anthracene	14.02	228	1010724	35.56	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	264838	26.14	ng	#	96
82) Chrysene	14.05	228	898721	33.77	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	762817	39.49	ng	#	96
84) Di-n-octyl phthalate	14.61	149	1334821	42.44	ng		100
85) Indeno(1,2,3-cd)pyrene	16.88	276	829666	40.25	ng		94
87) Benzo(b)fluoranthene	15.05	252	1129833m	45.77	ng		
88) Benzo(k)fluoranthene	15.08	252	722199m	33.88	ng		
89) Benzo(a)pyrene	15.40	252	865974	40.55	ng	#	97
90) Dibenzo(a,h)anthracene	16.89	278	684861	39.68	ng	#	95
91) Benzo(g,h,i)perylene	17.31	276	692345	39.71	ng	#	93

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

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