Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094309.D
Acq On : 10 Apr 2017 14:21
Operator : SJ/MA
Sample : PB98131BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98131BSD

Manual Integrations APPROVED
mohammad
4/11/2017 12:53:04 PM

Quant Time: Apr 11 01:21:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	162048	20.00	ng		-0.02
21) Naphthalene-d8	7.35	136	646642	20.00	ng		-0.02
38) Acenaphthene-d10	9.49	164	293929	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	509593	20.00	ng		-0.01
75) Chrysene-d12	14.56	240	403907	20.00	ng		-0.01
86) Perylene-d12	16.19	264	284944	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.41	112	1135157	118.32	ng		0.02
7) Phenol-d6	5.48	99	1425538	120.11	ng		0.02
23) Nitrobenzene-d5	6.49	82	897213	79.18	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	307545	132.41	ng		0.00
44) 2-Fluorobiphenyl	8.67	172	1655241	85.89	ng		-0.02
78) Terphenyl-d14	13.29	244	1362670	75.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	155600	33.76	ng		98
3) Pyridine	2.73	79	450956	35.90	ng		98
4) n-Nitrosodimethylamine	2.69	42	206417	39.93	ng		89
6) Aniline	5.46	93	242578	14.69	ng		95
8) 2-Chlorophenol	5.62	128	445556	42.25	ng		97
9) Benzaldehyde	5.33	77	153957	19.21	ng		99
10) Phenol	5.50	94	536032	39.69	ng		88
11) bis(2-Chloroethyl)ether	5.55	93	424241	40.19	ng		97
12) 1,3-Dichlorobenzene	5.77	146	479805	40.56	ng		97
13) 1,4-Dichlorobenzene	5.86	146	481653	40.20	ng		96
14) 1,2-Dichlorobenzene	6.03	146	439154	39.80	ng		96
15) Benzyl Alcohol	6.02	79	333947	38.44	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.17	45	565831	34.79	ng		53
17) 2-Methylphenol	6.18	107	362870	40.18	ng		95
18) Hexachloroethane	6.43	117	170385	40.46	ng	#	87
19) n-Nitroso-di-n-propylamine	6.33	70	318743	41.78	ng		98
20) 3+4-Methylphenols	6.36	107	506403	46.30	ng	#	61
22) Acetophenone	6.32	105	617728	42.86	ng	#	86
24) Nitrobenzene	6.52	77	451171	40.37	ng		92
25) Isophorone	6.80	82	804484	40.41	ng		96
26) 2-Nitrophenol	6.89	139	251796	47.25	ng		97
27) 2,4-Dimethylphenol	6.97	122	404990	44.10	ng		98
28) bis(2-Chloroethoxy)methane	7.06	93	537835	40.96	ng		98
29) 2,4-Dichlorophenol	7.20	162	380590	44.33	ng		98
30) 1,2,4-Trichlorobenzene	7.28	180	373825	42.27	ng		99
31) Naphthalene	7.37	128	1254908	40.36	ng		100
32) Benzoic acid	7.15	122	214194	35.04	ng		96
33) 4-Chloroaniline	7.44	127	110958	8.80	ng	#	94
34) Hexachlorobutadiene	7.52	225	189826	41.86	ng		99
35) Caprolactam	7.89	113	123110m	44.96	ng		
36) 4-Chloro-3-methylphenol	8.08	107	399484	44.53	ng		87
37) 2-Methylnaphthalene	8.22	142	888605	42.87	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	329168	40.94	ng		99
40) Hexachlorocyclopentadiene	8.41	237	322543	85.72	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	254404	44.72	ng		96
43) 2,4,5-Trichlorophenol	8.64	196	258268	41.96	ng	#	93
45) 1,1'-Biphenyl	8.79	154	994614	41.95	ng		98
46) 2-Chloronaphthalene	8.81	162	784916	42.29	ng		96
47) 2-Nitroaniline	8.94	65	235962	42.86	ng		91
48) Acenaphthylene	9.32	152	1227270	39.79	ng		99
49) Dimethylphthalate	9.18	163	932194	44.62	ng		98
50) 2,6-Dinitrotoluene	9.25	165	207535	43.33	ng	#	90
51) Acenaphthene	9.53	154	731092	40.62	ng		100
52) 3-Nitroaniline	9.45	138	81750	14.54	ng		93
53) 2,4-Dinitrophenol	9.59	184	181508	71.35	ng	#	68
54) Dibenzofuran	9.74	168	1039317	42.42	ng		98
55) 4-Nitrophenol	9.73	139	436775m	99.17	ng		
56) 2,4-Dinitrotoluene	9.74	165	247658	41.16	ng	#	67
57) Fluorene	10.16	166	817763	40.25	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	193023	45.70	ng		96
59) Diethylphthalate	10.05	149	898228	43.50	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	349118	40.34	ng		90
61) 4-Nitroaniline	10.21	138	202924	37.60	ng		95
62) Azobenzene	10.36	77	864332	44.25	ng		96
64) 4,6-Dinitro-2-methylphenol	10.25	198	136299	43.67	ng	#	76
65) n-Nitrosodiphenylamine	10.32	169	753605	42.76	ng		97
66) 4-Bromophenyl-phenylether	10.77	248	215961	43.09	ng		94
67) Hexachlorobenzene	10.84	284	223829	44.12	ng	#	88
68) Atrazine	11.00	200	222465	42.15	ng		98
69) Pentachlorophenol	11.10	266	185571	58.76	ng		100
70) Phenanthrene	11.34	178	1186647	41.86	ng		99
71) Anthracene	11.40	178	1238440	42.43	ng		99
72) Carbazole	11.61	167	1162292	38.83	ng		98
73) Di-n-butylphthalate	12.05	149	1379143	44.31	ng		100
74) Fluoranthene	12.80	202	1226640	42.26	ng		98
76) Benzidine	12.97	184	372536	23.30	ng	#	92
77) Pyrene	13.07	202	1225815	41.82	ng		99
79) Butylbenzylphthalate	13.89	149	590561	47.28	ng	#	84
80) Benzo(a)anthracene	14.55	228	1003950	42.62	ng		99
81) 3,3'-Dichlorobenzidine	14.52	252	162969	19.36	ng	#	97
82) Chrysene	14.59	228	878408	40.19	ng		99
83) Bis(2-ethylhexyl)phthalate	14.61	149	802424	47.09	ng	#	99
84) Di-n-octyl phthalate	15.36	149	1328360	46.66	ng		98
85) Indeno(1,2,3-cd)pyrene	17.51	276	714842	37.76	ng		100
87) Benzo(b)fluoranthene	15.79	252	801610	45.90	ng		98
88) Benzo(k)fluoranthene	15.82	252	727324	42.56	ng	#	96
89) Benzo(a)pyrene	16.13	252	687586	42.75	ng		98
90) Dibenzo(a,h)anthracene	17.53	278	587475	43.13	ng		98
91) Benzo(g,h,i)perylene	17.90	276	609863	44.43	ng		99

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

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