Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094796.D
Acq On : 2 May 2017 16:34
Operator : SJ/MA
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050217

Manual Integrations APPROVED
mohammad
5/4/2017 1:44:01 PM

Quant Time: May 03 17:38:22 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	107429	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	445157	20.00	ng		0.00
38) Acenaphthene-d10	12.58	164	201907	20.00	ng		0.00
63) Phenanthrene-d10	14.98	188	364795	20.00	ng		0.00
75) Chrysene-d12	18.65	240	292887	20.00	ng		0.00
86) Perylene-d12	20.31	264	252255	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	557034	86.45	ng		0.00
7) Phenol-d6	7.28	99	644926	83.42	ng		0.00
23) Nitrobenzene-d5	8.64	82	601791	85.25	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	129722	78.45	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	1118853	79.76	ng		0.00
78) Terphenyl-d14	17.31	244	1012817	76.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	128534	40.673	ng		94
3) Pyridine	2.76	79	311661	42.552	ng		97
4) n-Nitrosodimethylamine	2.70	42	126398	41.402	ng		85
6) Aniline	7.23	93	437737	44.848	ng		95
8) 2-Chlorophenol	7.42	128	321003	43.768	ng		97
9) Benzaldehyde	7.04	77	209336	44.342	ng		98
10) Phenol	7.30	94	346525	42.533	ng		90
11) bis(2-Chloroethyl)ether	7.37	93	289274	43.010	ng		98
12) 1,3-Dichlorobenzene	7.64	146	331462	39.841	ng		98
13) 1,4-Dichlorobenzene	7.76	146	340884	40.403	ng		97
14) 1,2-Dichlorobenzene	8.00	146	340931	43.291	ng		95
15) Benzyl Alcohol	8.01	79	226219	45.492	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	400524	42.074	ng		97
17) 2-Methylphenol	8.23	107	260501	43.402	ng		96
18) Hexachloroethane	8.51	117	124475	43.551	ng	#	85
19) n-Nitroso-di-n-propylamine	8.44	70	220306	42.133	ng		93
20) 3+4-Methylphenols	8.48	107	350843	43.017	ng	#	61
22) Acetophenone	8.40	105	444372	41.606	ng	#	84
24) Nitrobenzene	8.66	77	308037	41.630	ng		94
25) Isophorone	9.07	82	534347	42.390	ng		96
26) 2-Nitrophenol	9.17	139	174707	43.756	ng		98
27) 2,4-Dimethylphenol	9.31	122	253606	39.286	ng		99
28) bis(2-Chloroethoxy)methane	9.43	93	365870	41.956	ng		99
29) 2,4-Dichlorophenol	9.58	162	259033	42.497	ng		98
30) 1,2,4-Trichlorobenzene	9.68	180	272675	41.756	ng		98
31) Naphthalene	9.79	128	927004	41.433	ng		99
32) Benzoic acid	9.61	122	169404	40.819	ng		91
33) 4-Chloroaniline	9.91	127	354363	42.501	ng		94
34) Hexachlorobutadiene	10.01	225	144138	41.832	ng		99
35) Caprolactam	10.54	113	77678m	42.440	ng		
36) 4-Chloro-3-methylphenol	10.77	107	271057	41.593	ng		88
37) 2-Methylnaphthalene	10.91	142	608441	41.436	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.19	216	251693	40.536	ng		99
40) Hexachlorocyclopentadiene	11.17	237	94932	39.671	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.41	196	167047	40.294	ng		99
43) 2,4,5-Trichlorophenol	11.48	196	176725	39.662	ng		93
45) 1,1'-Biphenyl	11.68	154	683805	40.225	ng		98
46) 2-Chloronaphthalene	11.69	162	548655	39.971	ng		95
47) 2-Nitroaniline	11.90	65	151770	40.397	ng	#	83
48) Acenaphthylene	12.35	152	869237	40.430	ng		99
49) Dimethylphthalate	12.23	163	670847	40.472	ng		99
50) 2,6-Dinitrotoluene	12.31	165	142130	42.031	ng		94
51) Acenaphthene	12.64	154	514422	40.059	ng		100
52) 3-Nitroaniline	12.58	138	149211	41.111	ng		92
53) 2,4-Dinitrophenol	12.77	184	69836	40.814	ng	#	60
54) Dibenzofuran	12.92	168	715255	40.250	ng		99
55) 4-Nitrophenol	12.96	139	94602	43.397	ng	#	74
56) 2,4-Dinitrotoluene	12.97	165	179896	41.401	ng	#	87
57) Fluorene	13.48	166	592667	38.356	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.16	232	117691	41.969	ng	#	97
59) Diethylphthalate	13.38	149	635179	39.980	ng		98
60) 4-Chlorophenyl-phenylether	13.51	204	275032	40.500	ng		90
61) 4-Nitroaniline	13.58	138	142048	42.632	ng		98
62) Azobenzene	13.77	77	525234	41.142	ng		93
64) 4,6-Dinitro-2-methylphenol	13.64	198	97808	39.996	ng	#	69
65) n-Nitrosodiphenylamine	13.71	169	527277	39.825	ng		98
66) 4-Bromophenyl-phenylether	14.29	248	152678	39.615	ng		97
67) Hexachlorobenzene	14.37	284	155430	39.352	ng	#	84
68) Atrazine	14.63	200	142743	38.185	ng		96
69) Pentachlorophenol	14.72	266	62938	38.523	ng		99
70) Phenanthrene	15.02	178	833941	39.787	ng		98
71) Anthracene	15.11	178	849390	39.672	ng		98
72) Carbazole	15.38	167	754712	38.742	ng		97
73) Di-n-butylphthalate	15.95	149	977687	40.245	ng		98
74) Fluoranthene	16.76	202	837498	38.952	ng		98
76) Benzidine	16.98	184	307667	40.098	ng		96
77) Pyrene	17.07	202	896869	40.944	ng		99
79) Butylbenzylphthalate	17.97	149	390296	38.307	ng	#	86
80) Benzo(a)anthracene	18.64	228	670979	39.363	ng		99
81) 3,3'-Dichlorobenzidine	18.62	252	236456	40.164	ng	#	97
82) Chrysene	18.68	228	657699	39.904	ng		100
83) Bis(2-ethylhexyl)phthalate	18.72	149	541878	37.328	ng	#	99
84) Di-n-octyl phthalate	19.49	149	948466	39.851	ng		97
85) Indeno(1,2,3-cd)pyrene	21.60	276	514943	38.472	ng		99
87) Benzo(b)fluoranthene	19.91	252	643811	41.304	ng		98
88) Benzo(k)fluoranthene	19.94	252	568475m	37.809	ng		
89) Benzo(a)pyrene	20.26	252	551491	38.343	ng		100
90) Dibenzo(a,h)anthracene	21.62	278	456861	38.461	ng		99
91) Benzo(g,h,i)perylene	21.98	276	427559	36.679	ng		99

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

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