Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094798.D
Acq On : 2 May 2017 17:37
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/4/2017 1:44:05 PM

Quant Time: May 03 17:37:41 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	107190	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	458023	20.00	ng		0.00
38) Acenaphthene-d10	12.58	164	204768	20.00	ng		0.00
63) Phenanthrene-d10	14.98	188	363354	20.00	ng		0.00
75) Chrysene-d12	18.65	240	288885	20.00	ng		0.00
86) Perylene-d12	20.31	264	247688	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	560663	87.20	ng		0.00
7) Phenol-d6	7.28	99	656733	85.13	ng		0.00
23) Nitrobenzene-d5	8.63	82	587176	80.84	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	138798	82.77	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	1045236	73.47	ng		0.00
78) Terphenyl-d14	17.31	244	965303	73.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	126618	40.156	ng		96
3) Pyridine	2.76	79	318208	43.543	ng		98
4) n-Nitrosodimethylamine	2.70	42	128603	42.219	ng		88
6) Aniline	7.23	93	425020	43.643	ng		98
8) 2-Chlorophenol	7.42	128	315807	43.156	ng		96
9) Benzaldehyde	7.04	77	202039	42.892	ng		97
10) Phenol	7.30	94	350589	43.128	ng		89
11) bis(2-Chloroethyl)ether	7.37	93	284214	42.351	ng		97
12) 1,3-Dichlorobenzene	7.64	146	329946	39.747	ng		99
13) 1,4-Dichlorobenzene	7.76	146	338807	40.246	ng		97
14) 1,2-Dichlorobenzene	8.00	146	316429	40.269	ng		95
15) Benzyl Alcohol	8.01	79	199783	40.265	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	392783	41.353	ng	#	38
17) 2-Methylphenol	8.22	107	253034	42.252	ng	#	93
18) Hexachloroethane	8.51	117	123346	43.253	ng	#	84
19) n-Nitroso-di-n-propylamine	8.44	70	220292	42.224	ng		91
20) 3+4-Methylphenols	8.48	107	351695	43.218	ng	#	62
22) Acetophenone	8.40	105	441108	40.140	ng	#	84
24) Nitrobenzene	8.66	77	304200	39.956	ng		94
25) Isophorone	9.06	82	529807	40.849	ng		96
26) 2-Nitrophenol	9.17	139	162519	39.560	ng		98
27) 2,4-Dimethylphenol	9.31	122	266913	40.186	ng		98
28) bis(2-Chloroethoxy)methane	9.43	93	362097	40.357	ng		99
29) 2,4-Dichlorophenol	9.58	162	253369	40.400	ng		98
30) 1,2,4-Trichlorobenzene	9.68	180	268153	39.910	ng		98
31) Naphthalene	9.79	128	919375	39.938	ng		99
32) Benzoic acid	9.61	122	159841	37.854	ng		97
33) 4-Chloroaniline	9.91	127	352772	41.121	ng	#	94
34) Hexachlorobutadiene	10.01	225	145084	40.923	ng		98
35) Caprolactam	10.54	113	74037m	39.314	ng		
36) 4-Chloro-3-methylphenol	10.77	107	269274	40.159	ng		90
37) 2-Methylnaphthalene	10.91	142	597852	39.572	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.19	216	232732	36.958	ng		98
40) Hexachlorocyclopentadiene	11.17	237	85539	35.922	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.41	196	158501	37.699	ng		97
43) 2,4,5-Trichlorophenol	11.48	196	174840	38.691	ng	#	93
45) 1,1'-Biphenyl	11.68	154	673782	39.082	ng		97
46) 2-Chloronaphthalene	11.69	162	535709	38.483	ng		95
47) 2-Nitroaniline	11.90	65	153370	40.253	ng	#	78
48) Acenaphthylene	12.35	152	863520	39.603	ng		98
49) Dimethylphthalate	12.22	163	663591	39.475	ng		99
50) 2,6-Dinitrotoluene	12.31	165	138172	40.289	ng		96
51) Acenaphthene	12.64	154	510812	39.222	ng		99
52) 3-Nitroaniline	12.58	138	148965	40.470	ng		91
53) 2,4-Dinitrophenol	12.77	184	69392	40.115	ng	#	63
54) Dibenzofuran	12.92	168	729606	40.484	ng		97
55) 4-Nitrophenol	12.95	139	93407	42.250	ng	#	70
56) 2,4-Dinitrotoluene	12.97	165	177172	40.204	ng	#	89
57) Fluorene	13.48	166	575452	36.721	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.16	232	118020	41.498	ng	#	96
59) Diethylphthalate	13.38	149	632321	39.245	ng		98
60) 4-Chlorophenyl-phenylether	13.51	204	269552	39.138	ng		89
61) 4-Nitroaniline	13.58	138	137896	40.808	ng		95
62) Azobenzene	13.76	77	512996	39.622	ng		96
64) 4,6-Dinitro-2-methylphenol	13.64	198	98630	40.492	ng	#	64
65) n-Nitrosodiphenylamine	13.71	169	503492	38.179	ng		99
66) 4-Bromophenyl-phenylether	14.29	248	150581	39.226	ng		98
67) Hexachlorobenzene	14.37	284	152316	38.716	ng	#	89
68) Atrazine	14.63	200	150248	40.352	ng		98
69) Pentachlorophenol	14.72	266	64638	39.538	ng		93
70) Phenanthrene	15.02	178	815627	39.068	ng		98
71) Anthracene	15.11	178	850881	39.900	ng		98
72) Carbazole	15.38	167	739052	38.089	ng		98
73) Di-n-butylphthalate	15.95	149	979926	40.497	ng		99
74) Fluoranthene	16.76	202	849549	39.669	ng		99
76) Benzidine	16.98	184	359587	46.295	ng		96
77) Pyrene	17.07	202	876242	40.557	ng		99
79) Butylbenzylphthalate	17.97	149	406661	40.466	ng		89
80) Benzo(a)anthracene	18.64	228	665842	39.603	ng		98
81) 3,3'-Dichlorobenzidine	18.62	252	232653	40.065	ng	#	96
82) Chrysene	18.68	228	655751	40.337	ng		99
83) Bis(2-ethylhexyl)phthalate	18.72	149	573608	40.061	ng	#	98
84) Di-n-octyl phthalate	19.48	149	951116	40.516	ng		96
85) Indeno(1,2,3-cd)pyrene	21.60	276	501439	37.982	ng		100
87) Benzo(b)fluoranthene	19.91	252	584148	38.167	ng		99
88) Benzo(k)fluoranthene	19.94	252	615884	41.717	ng		96
89) Benzo(a)pyrene	20.26	252	554776	39.282	ng		98
90) Dibenzo(a,h)anthracene	21.61	278	441264	37.832	ng		97
91) Benzo(g,h,i)perylene	21.98	276	423581	37.007	ng		98

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

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