Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
Data File : BF095048.D
Acq On : 10 May 2017 6:16
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/10/2017 11:48:01 AM

Quant Time: May 10 07:04:55 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	7.71	152	128685	20.00	ng		-0.02
21) Naphthalene-d8	9.73	136	513158	20.00	ng		-0.02
38) Acenaphthene-d10	12.56	164	222687	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	374899	20.00	ng		-0.02
75) Chrysene-d12	18.64	240	249309	20.00	ng		-0.02
86) Perylene-d12	20.30	264	245528	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	631860	81.86	ng		-0.03
7) Phenol-d6	7.26	99	756431	81.68	ng		-0.02
23) Nitrobenzene-d5	8.62	82	658822	80.96	ng		-0.02
41) 2,4,6-Tribromophenol	13.86	330	140993	77.31	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1224840	79.17	ng		-0.02
78) Terphenyl-d14	17.29	244	837786	74.02	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	187508	49.53	ng		95
3) Pyridine	2.71	79	376200	42.88	ng		98
4) n-Nitrosodimethylamine	2.65	42	146713	40.12	ng		87
6) Aniline	7.21	93	503330	43.05	ng		96
8) 2-Chlorophenol	7.40	128	362943	41.31	ng		96
9) Benzaldehyde	7.02	77	223257	39.48	ng		98
10) Phenol	7.28	94	386329	39.59	ng		91
11) bis(2-Chloroethyl)ether	7.35	93	318265	39.50	ng		99
12) 1,3-Dichlorobenzene	7.61	146	398253	39.96	ng		98
13) 1,4-Dichlorobenzene	7.74	146	407658	40.34	ng		96
14) 1,2-Dichlorobenzene	7.97	146	376056	39.86	ng		97
15) Benzyl Alcohol	8.00	79	288245	48.39	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	430027	37.71	ng		81
17) 2-Methylphenol	8.21	107	292500	40.68	ng		96
18) Hexachloroethane	8.49	117	127068	37.11	ng	#	85
19) n-Nitroso-di-n-propylamine	8.43	70	247175	39.46	ng		92
20) 3+4-Methylphenols	8.47	107	378339	38.73	ng	#	58
22) Acetophenone	8.39	105	501556	40.74	ng	#	84
24) Nitrobenzene	8.65	77	340528	39.92	ng		94
25) Isophorone	9.05	82	633886	43.62	ng		96
26) 2-Nitrophenol	9.15	139	184631	40.11	ng		98
27) 2,4-Dimethylphenol	9.29	122	298555	40.12	ng		99
28) bis(2-Chloroethoxy)methane	9.41	93	399227	39.71	ng		99
29) 2,4-Dichlorophenol	9.57	162	290393	41.33	ng		99
30) 1,2,4-Trichlorobenzene	9.66	180	301949	40.11	ng		99
31) Naphthalene	9.77	128	1006047	39.01	ng		99
32) Benzoic acid	9.62	122	166170	35.49	ng		93
33) 4-Chloroaniline	9.90	127	407988	42.45	ng	#	93
34) Hexachlorobutadiene	9.98	225	150961	38.01	ng		97
35) Caprolactam	10.54	113	91158	43.20	ng	#	86
36) 4-Chloro-3-methylphenol	10.77	107	302916	40.32	ng		90
37) 2-Methylnaphthalene	10.90	142	692388	40.90	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	274808	40.13	ng		99
40) Hexachlorocyclopentadiene	11.14	237	35891	17.58	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	190602	41.69	ng		98
43) 2,4,5-Trichlorophenol	11.48	196	183677	37.38	ng		94
45) 1,1'-Biphenyl	11.66	154	759131	40.49	ng		98
46) 2-Chloronaphthalene	11.68	162	593224	39.19	ng		95
47) 2-Nitroaniline	11.89	65	169437	40.89	ng	#	87
48) Acenaphthylene	12.34	152	965486	40.72	ng		98
49) Dimethylphthalate	12.21	163	707028	38.67	ng		99
50) 2,6-Dinitrotoluene	12.30	165	156813	42.05	ng		92
51) Acenaphthene	12.62	154	568201	40.12	ng		99
52) 3-Nitroaniline	12.58	138	168227	42.03	ng		87
53) 2,4-Dinitrophenol	12.79	184	13368	12.25	ng	#	68
54) Dibenzofuran	12.91	168	880993	44.95	ng		99
55) 4-Nitrophenol	12.98	139	90462m	37.63	ng		
56) 2,4-Dinitrotoluene	12.97	165	210071	43.83	ng	#	88
57) Fluorene	13.46	166	663292	38.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	139355	45.06	ng	#	95
59) Diethylphthalate	13.36	149	697239	39.79	ng		97
60) 4-Chlorophenyl-phenylether	13.48	204	299988	40.05	ng		91
61) 4-Nitroaniline	13.57	138	134472	36.59	ng		95
62) Azobenzene	13.74	77	588906	41.83	ng		94
64) 4,6-Dinitro-2-methylphenol	13.64	198	31173	12.40	ng	#	66
65) n-Nitrosodiphenylamine	13.69	169	536088	39.40	ng		99
66) 4-Bromophenyl-phenylether	14.27	248	166633	42.07	ng		98
67) Hexachlorobenzene	14.35	284	159119	39.20	ng	#	87
68) Atrazine	14.61	200	152857	39.79	ng		96
69) Pentachlorophenol	14.71	266	59936	36.13	ng		96
70) Phenanthrene	15.00	178	872564	40.51	ng		98
71) Anthracene	15.09	178	905004	41.13	ng		98
72) Carbazole	15.37	167	794844	39.70	ng		96
73) Di-n-butylphthalate	15.94	149	1062159	42.54	ng		98
74) Fluoranthene	16.75	202	781346	35.36	ng		98
76) Benzidine	16.97	184	251980	38.83	ng		95
77) Pyrene	17.05	202	753485	40.41	ng		100
79) Butylbenzylphthalate	17.95	149	327505	37.76	ng	#	85
80) Benzo(a)anthracene	18.62	228	579473	39.94	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	202295	40.37	ng	#	96
82) Chrysene	18.67	228	543621	38.75	ng		100
83) Bis(2-ethylhexyl)phthalate	18.69	149	496927	40.21	ng	#	99
84) Di-n-octyl phthalate	19.46	149	815656	40.26	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	512754	45.00	ng		99
87) Benzo(b)fluoranthene	19.89	252	586321	38.65	ng		98
88) Benzo(k)fluoranthene	19.92	252	603919	41.27	ng		96
89) Benzo(a)pyrene	20.24	252	564790	40.34	ng		98
90) Dibenzo(a,h)anthracene	21.60	278	434049	37.54	ng		98
91) Benzo(g,h,i)perylene	21.96	276	423526	37.33	ng		98

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

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