Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095210.D
Acq On : 18 May 2017 4:59
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/18/2017 2:30:01 PM

Quant Time: May 18 07:29:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 04:48:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	120051	20.00	ng		0.00
21) Naphthalene-d8	9.79	136	475215	20.00	ng		0.00
38) Acenaphthene-d10	12.62	164	157665	20.00	ng		0.00
63) Phenanthrene-d10	15.02	188	262972	20.00	ng		0.00
75) Chrysene-d12	18.69	240	265083	20.00	ng		0.00
86) Perylene-d12	20.37	264	204004	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	619051	85.97	ng		-0.01
7) Phenol-d6	7.32	99	705228	81.63	ng		0.00
23) Nitrobenzene-d5	8.68	82	601583	79.83	ng		0.00
41) 2,4,6-Tribromophenol	13.92	330	94590	73.26	ng		0.00
44) 2-Fluorobiphenyl	11.57	172	952971	87.00	ng		0.00
78) Terphenyl-d14	17.35	244	865725	71.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	134461	38.08	ng		93
3) Pyridine	2.90	79	327040	39.96	ng		97
4) n-Nitrosodimethylamine	2.82	42	111724	32.75	ng		89
6) Aniline	7.28	93	437858	40.14	ng		96
8) 2-Chlorophenol	7.47	128	346248	42.25	ng		95
9) Benzaldehyde	7.09	77	212480	40.28	ng		99
10) Phenol	7.34	94	343287	37.71	ng		90
11) bis(2-Chloroethyl)ether	7.41	93	300345	39.96	ng		96
12) 1,3-Dichlorobenzene	7.67	146	383048	41.20	ng		99
13) 1,4-Dichlorobenzene	7.80	146	389846	41.35	ng		96
14) 1,2-Dichlorobenzene	8.03	146	364671	41.44	ng		96
15) Benzyl Alcohol	8.06	79	237896	42.81	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.25	45	413344	38.86	ng		80
17) 2-Methylphenol	8.27	107	273901	40.84	ng		96
18) Hexachloroethane	8.55	117	100632	31.51	ng		89
19) n-Nitroso-di-n-propylamine	8.48	70	229970	39.36	ng		94
20) 3+4-Methylphenols	8.52	107	356889	39.16	ng	#	58
22) Acetophenone	8.45	105	463804	40.68	ng	#	83
24) Nitrobenzene	8.71	77	309188	39.14	ng		92
25) Isophorone	9.11	82	541520	40.24	ng		95
26) 2-Nitrophenol	9.21	139	146550	34.38	ng		96
27) 2,4-Dimethylphenol	9.34	122	275404	39.96	ng		97
28) bis(2-Chloroethoxy)methane	9.47	93	382926	41.13	ng		99
29) 2,4-Dichlorophenol	9.63	162	253466	38.95	ng		99
30) 1,2,4-Trichlorobenzene	9.71	180	277322	39.78	ng		97
31) Naphthalene	9.82	128	927984	38.85	ng		99
32) Benzoic acid	9.65	122	98912	24.63	ng		95
33) 4-Chloroaniline	9.96	127	330135	37.09	ng	#	92
34) Hexachlorobutadiene	10.04	225	128134	34.83	ng		99
35) Caprolactam	10.59	113	64833m	33.18	ng		
36) 4-Chloro-3-methylphenol	10.82	107	231451	33.27	ng		93
37) 2-Methylnaphthalene	10.95	142	520276	33.19	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	214346	44.21	ng		98
40) Hexachlorocyclopentadiene	11.20	237	7622	9.51	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	138298	42.72	ng		98
43) 2,4,5-Trichlorophenol	11.54	196	136944	39.36	ng	#	92
45) 1,1'-Biphenyl	11.71	154	598528	45.09	ng		97
46) 2-Chloronaphthalene	11.73	162	458702	42.80	ng		95
47) 2-Nitroaniline	11.95	65	126371	43.08	ng	#	78
48) Acenaphthylene	12.39	152	674242	40.16	ng		99
49) Dimethylphthalate	12.26	163	554657	42.85	ng		99
50) 2,6-Dinitrotoluene	12.36	165	104868	39.71	ng		95
51) Acenaphthene	12.68	154	398771	39.77	ng		99
52) 3-Nitroaniline	12.63	138	122195	43.11	ng		89
53) 2,4-Dinitrophenol	12.90	184	440	6.53	ng	#	73
54) Dibenzofuran	12.96	168	557488	40.18	ng		99
55) 4-Nitrophenol	13.05	139	45058	26.47	ng	#	74
56) 2,4-Dinitrotoluene	13.03	165	122625	36.14	ng	#	97
57) Fluorene	13.52	166	455012	37.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	82267	37.57	ng	#	93
59) Diethylphthalate	13.41	149	512140	41.28	ng		99
60) 4-Chlorophenyl-phenylether	13.54	204	211701	39.92	ng		89
61) 4-Nitroaniline	13.63	138	91122	35.02	ng		96
62) Azobenzene	13.79	77	374744	37.59	ng		93
64) 4,6-Dinitro-2-methylphenol	13.72	198	6886	3.91	ng	#	74
65) n-Nitrosodiphenylamine	13.75	169	398657	41.77	ng		99
66) 4-Bromophenyl-phenylether	14.33	248	111736	40.22	ng		94
67) Hexachlorobenzene	14.42	284	109517	38.46	ng	#	90
68) Atrazine	14.67	200	97509	36.18	ng		97
69) Pentachlorophenol	14.78	266	40633	35.11	ng		97
70) Phenanthrene	15.07	178	611509	40.47	ng		98
71) Anthracene	15.15	178	635560	41.18	ng		98
72) Carbazole	15.43	167	580006	41.30	ng		97
73) Di-n-butylphthalate	15.99	149	776556	44.34	ng		98
74) Fluoranthene	16.80	202	691355	44.61	ng		98
76) Benzidine	17.03	184	315095	44.51	ng	#	94
77) Pyrene	17.11	202	722692	36.45	ng		99
79) Butylbenzylphthalate	18.00	149	349135	37.86	ng	#	86
80) Benzo(a)anthracene	18.68	228	622271	40.33	ng		99
81) 3,3'-Dichlorobenzidine	18.67	252	228631	42.91	ng	#	96
82) Chrysene	18.73	228	612186	41.04	ng		99
83) Bis(2-ethylhexyl)phthalate	18.75	149	495311	37.70	ng	#	100
84) Di-n-octyl phthalate	19.52	149	875551	40.65	ng		96
85) Indeno(1,2,3-cd)pyrene	21.70	276	397967	32.85	ng		99
87) Benzo(b)fluoranthene	19.96	252	538157	42.69	ng		97
88) Benzo(k)fluoranthene	19.99	252	511435	42.06	ng		96
89) Benzo(a)pyrene	20.31	252	458204	39.39	ng		99
90) Dibenzo(a,h)anthracene	21.71	278	340154	35.41	ng		97
91) Benzo(g,h,i)perylene	22.09	276	315022	33.42	ng		96

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

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