Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
Data File : BF095098.D
Acq On : 12 May 2017 00:57
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/12/2017 3:36:27 PM

Quant Time: May 12 04:40:54 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	7.70	152	112115	20.00	ng		-0.03
21) Naphthalene-d8	9.72	136	478540	20.00	ng		-0.03
38) Acenaphthene-d10	12.55	164	211334	20.00	ng		-0.03
63) Phenanthrene-d10	14.95	188	382916	20.00	ng		-0.03
75) Chrysene-d12	18.63	240	254061	20.00	ng		-0.02
86) Perylene-d12	20.29	264	222526	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	527912	78.50	ng		-0.04
7) Phenol-d6	7.25	99	671642	83.24	ng		-0.03
23) Nitrobenzene-d5	8.61	82	602643	79.41	ng		-0.02
41) 2,4,6-Tribromophenol	13.85	330	135042	78.02	ng		-0.03
44) 2-Fluorobiphenyl	11.50	172	1131418	77.06	ng		-0.03
78) Terphenyl-d14	17.28	244	1062808	92.14	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	128309	38.90	ng		93
3) Pyridine	2.69	79	295514	38.66	ng		96
4) n-Nitrosodimethylamine	2.62	42	113175	35.52	ng		83
6) Aniline	7.20	93	420569	41.29	ng		96
8) 2-Chlorophenol	7.40	128	306404	40.03	ng		94
9) Benzaldehyde	7.01	77	198958	40.38	ng		98
10) Phenol	7.27	94	374859	44.09	ng		91
11) bis(2-Chloroethyl)ether	7.34	93	286553	40.82	ng		96
12) 1,3-Dichlorobenzene	7.60	146	345520	39.80	ng		99
13) 1,4-Dichlorobenzene	7.72	146	357465	40.60	ng		97
14) 1,2-Dichlorobenzene	7.96	146	332987	40.52	ng		96
15) Benzyl Alcohol	8.00	79	234612	45.21	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.19	45	401902	40.45	ng		95
17) 2-Methylphenol	8.21	107	275635	44.00	ng		97
18) Hexachloroethane	8.48	117	119082	39.92	ng	#	84
19) n-Nitroso-di-n-propylamine	8.42	70	221320	40.56	ng		95
20) 3+4-Methylphenols	8.46	107	347025	40.77	ng	#	57
22) Acetophenone	8.38	105	444860	38.75	ng	#	83
24) Nitrobenzene	8.64	77	313640	39.43	ng		94
25) Isophorone	9.04	82	522812	38.58	ng		96
26) 2-Nitrophenol	9.14	139	166805	38.86	ng		96
27) 2,4-Dimethylphenol	9.28	122	268789	38.73	ng		98
28) bis(2-Chloroethoxy)methane	9.41	93	374591	39.96	ng		99
29) 2,4-Dichlorophenol	9.57	162	261648	39.93	ng		98
30) 1,2,4-Trichlorobenzene	9.65	180	278819	39.72	ng		98
31) Naphthalene	9.76	128	946604	39.36	ng		99
32) Benzoic acid	9.55	122	41778	13.28	ng		98
33) 4-Chloroaniline	9.90	127	369554	41.23	ng		94
34) Hexachlorobutadiene	9.98	225	141085	38.09	ng		97
35) Caprolactam	10.53	113	74173m	37.70	ng		
36) 4-Chloro-3-methylphenol	10.76	107	286567	40.91	ng		90
37) 2-Methylnaphthalene	10.88	142	628858	39.84	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.16	216	262910	40.45	ng		99
40) Hexachlorocyclopentadiene	11.14	237	84835	34.76	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.38	196	174909	40.31 ng		95
43) 2,4,5-Trichlorophenol	11.48	196	171805	36.84 ng		93
45) 1,1'-Biphenyl	11.65	154	727895	40.91 ng		98
46) 2-Chloronaphthalene	11.67	162	583753	40.63 ng		96
47) 2-Nitroaniline	11.88	65	167291	42.54 ng		85
48) Acenaphthylene	12.32	152	859097	38.18 ng		99
49) Dimethylphthalate	12.20	163	714495	41.18 ng		99
50) 2,6-Dinitrotoluene	12.29	165	139426	39.39 ng		96
51) Acenaphthene	12.61	154	529990	39.43 ng		100
52) 3-Nitroaniline	12.57	138	164384	43.27 ng		89
53) 2,4-Dinitrophenol	12.82	184	1760	7.08 ng	#	62
54) Dibenzofuran	12.89	168	774116	41.62 ng		98
55) 4-Nitrophenol	12.98	139	72556m	31.80 ng		
56) 2,4-Dinitrotoluene	12.96	165	196060	43.11 ng		95
57) Fluorene	13.45	166	650002	40.19 ng		99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	113839	38.78 ng	#	96
59) Diethylphthalate	13.35	149	680038	40.89 ng		99
60) 4-Chlorophenyl-phenylether	13.47	204	295810	41.62 ng		91
61) 4-Nitroaniline	13.57	138	151647	43.48 ng		96
62) Azobenzene	13.73	77	528252	39.53 ng		95
64) 4,6-Dinitro-2-methylphenol	13.64	198	20572	8.01 ng	#	64
65) n-Nitrosodiphenylamine	13.68	169	562538	40.48 ng		98
66) 4-Bromophenyl-phenylether	14.26	248	161216	39.85 ng		96
67) Hexachlorobenzene	14.34	284	165841	40.00 ng	#	85
68) Atrazine	14.61	200	160897	41.00 ng		98
69) Pentachlorophenol	14.71	266	36981	24.15 ng		94
70) Phenanthrene	14.99	178	866620	39.39 ng		98
71) Anthracene	15.08	178	903751	40.21 ng		98
72) Carbazole	15.37	167	820243	40.11 ng		97
73) Di-n-butylphthalate	15.93	149	1109192	43.50 ng		98
74) Fluoranthene	16.74	202	865801	38.36 ng		99
76) Benzidine	16.97	184	117489	21.34 ng		95
77) Pyrene	17.04	202	879188	46.27 ng		99
79) Butylbenzylphthalate	17.94	149	412962	46.73 ng	#	87
80) Benzo(a)anthracene	18.62	228	579294	39.18 ng		97
81) 3,3'-Dichlorobenzidine	18.59	252	171818	33.64 ng	#	97
82) Chrysene	18.66	228	569273	39.82 ng		98
83) Bis(2-ethylhexyl)phthalate	18.68	149	590833	46.92 ng		99
84) Di-n-octyl phthalate	19.45	149	901310	43.66 ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	554389	47.75 ng		99
87) Benzo(b)fluoranthene	19.89	252	519280	37.77 ng		100
88) Benzo(k)fluoranthene	19.92	252	532485	40.15 ng	#	95
89) Benzo(a)pyrene	20.24	252	486747	38.36 ng		99
90) Dibenzo(a,h)anthracene	21.59	278	478967	45.71 ng		96
91) Benzo(g,h,i)perylene	21.96	276	513902	49.98 ng		95

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

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