Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094963.D
Acq On : 8 May 2017 1:59
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/8/2017 5:43:59 PM

Quant Time: May 08 08:24:29 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	7.72	152	159627	20.00	ng		-0.01
21) Naphthalene-d8	9.74	136	652607	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	267760	20.00	ng		-0.01
63) Phenanthrene-d10	14.98	188	517183	20.00	ng		0.00
75) Chrysene-d12	18.64	240	356646	20.00	ng		-0.01
86) Perylene-d12	20.31	264	318590	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	779207	81.38	ng		-0.02
7) Phenol-d6	7.27	99	902626	78.57	ng		-0.01
23) Nitrobenzene-d5	8.63	82	825709	79.78	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	198069	90.32	ng		0.00
44) 2-Fluorobiphenyl	11.52	172	1499008	80.58	ng		0.00
78) Terphenyl-d14	17.31	244	1284727	79.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	207968	44.29	ng		95
3) Pyridine	2.72	79	407014	37.40	ng		95
4) n-Nitrosodimethylamine	2.67	42	174817	38.54	ng		84
6) Aniline	7.22	93	596637	41.14	ng		97
8) 2-Chlorophenol	7.41	128	438255	40.22	ng		95
9) Benzaldehyde	7.03	77	258067	36.79	ng		100
10) Phenol	7.28	94	477651	39.46	ng		91
11) bis(2-Chloroethyl)ether	7.36	93	381677	38.19	ng		96
12) 1,3-Dichlorobenzene	7.62	146	485931	39.31	ng		99
13) 1,4-Dichlorobenzene	7.75	146	493397	39.36	ng		97
14) 1,2-Dichlorobenzene	7.98	146	466082	39.83	ng		96
15) Benzyl Alcohol	8.01	79	357089	48.33	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	527445	37.29	ng	#	38
17) 2-Methylphenol	8.22	107	357819	40.12	ng	#	93
18) Hexachloroethane	8.50	117	163520	38.50	ng	#	85
19) n-Nitroso-di-n-propylamine	8.44	70	298184	38.38	ng		96
20) 3+4-Methylphenols	8.48	107	470225	38.80	ng	#	63
22) Acetophenone	8.40	105	612277	39.10	ng	#	84
24) Nitrobenzene	8.66	77	437005	40.29	ng		94
25) Isophorone	9.06	82	809975	43.83	ng		95
26) 2-Nitrophenol	9.16	139	248815	42.51	ng		97
27) 2,4-Dimethylphenol	9.30	122	381984	40.36	ng		98
28) bis(2-Chloroethoxy)methane	9.42	93	495287	38.74	ng		99
29) 2,4-Dichlorophenol	9.57	162	370883	41.51	ng		99
30) 1,2,4-Trichlorobenzene	9.67	180	369186	38.56	ng		99
31) Naphthalene	9.78	128	1207477	36.81	ng		100
32) Benzoic acid	9.64	122	252201	41.37	ng		92
33) 4-Chloroaniline	9.91	127	501508	41.03	ng		94
34) Hexachlorobutadiene	10.00	225	184919	36.61	ng		98
35) Caprolactam	10.57	113	112965m	42.10	ng		
36) 4-Chloro-3-methylphenol	10.77	107	385003	40.30	ng		89
37) 2-Methylnaphthalene	10.91	142	857142	39.82	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	342013	41.54	ng		99
40) Hexachlorocyclopentadiene	11.16	237	126205	39.75	ng		99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	246411	44.82	ng		98
43) 2,4,5-Trichlorophenol	11.48	196	243155	41.15	ng		93
45) 1,1'-Biphenyl	11.67	154	936037	41.52	ng		98
46) 2-Chloronaphthalene	11.69	162	740913	40.70	ng		96
47) 2-Nitroaniline	11.90	65	214680	43.09	ng	#	80
48) Acenaphthylene	12.35	152	1135233	39.82	ng		99
49) Dimethylphthalate	12.22	163	841037	38.26	ng		99
50) 2,6-Dinitrotoluene	12.31	165	187041	41.71	ng		91
51) Acenaphthene	12.63	154	676293	39.71	ng		99
52) 3-Nitroaniline	12.58	138	200225	41.60	ng		91
53) 2,4-Dinitrophenol	12.78	184	92187	40.66	ng	#	67
54) Dibenzofuran	12.92	168	1046621	44.41	ng		98
55) 4-Nitrophenol	12.96	139	134471	46.51	ng	#	73
56) 2,4-Dinitrotoluene	12.98	165	257021	44.60	ng	#	89
57) Fluorene	13.47	166	864107	42.17	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	184145	49.52	ng		95
59) Diethylphthalate	13.37	149	846735	40.19	ng		99
60) 4-Chlorophenyl-phenylether	13.49	204	376190	41.77	ng		93
61) 4-Nitroaniline	13.59	138	200409	45.35	ng		96
62) Azobenzene	13.75	77	807598	47.70	ng		95
64) 4,6-Dinitro-2-methylphenol	13.64	198	142465	41.09	ng	#	67
65) n-Nitrosodiphenylamine	13.71	169	713558	38.01	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	215188	39.38	ng		98
67) Hexachlorobenzene	14.37	284	215124	38.42	ng	#	87
68) Atrazine	14.62	200	195199	36.83	ng		95
69) Pentachlorophenol	14.71	266	94686	40.52	ng		96
70) Phenanthrene	15.02	178	1150308	38.71	ng		99
71) Anthracene	15.10	178	1197038	39.44	ng		99
72) Carbazole	15.38	167	1116049	40.41	ng		98
73) Di-n-butylphthalate	15.95	149	1337927	38.85	ng		98
74) Fluoranthene	16.75	202	1180558	38.73	ng		99
76) Benzidine	16.97	184	615007	61.60	ng		95
77) Pyrene	17.06	202	1185894	44.46	ng		99
79) Butylbenzylphthalate	17.96	149	581991	46.91	ng	#	86
80) Benzo(a)anthracene	18.63	228	834978	40.23	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	275687	38.46	ng	#	96
82) Chrysene	18.68	228	786313	39.18	ng		98
83) Bis(2-ethylhexyl)phthalate	18.70	149	738056	41.75	ng	#	99
84) Di-n-octyl phthalate	19.47	149	1192157	41.14	ng		96
85) Indeno(1,2,3-cd)pyrene	21.61	276	817654	50.17	ng		99
87) Benzo(b)fluoranthene	19.90	252	708132	35.97	ng		99
88) Benzo(k)fluoranthene	19.93	252	743559	39.16	ng		96
89) Benzo(a)pyrene	20.25	252	720854	39.68	ng		99
90) Dibenzo(a,h)anthracene	21.61	278	670672	44.70	ng		99
91) Benzo(g,h,i)perylene	21.98	276	722709	49.09	ng		97

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

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