Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092283.D
Acq On : 16 Jan 2017 14:05
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/17/2017 4:57:00 PM

Quant Time: Jan 17 11:54:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	231973	20.00	ng		-0.08
21) Naphthalene-d8	7.86	136	920675	20.00	ng		-0.08
38) Acenaphthene-d10	9.60	164	482059	20.00	ng		-0.08
63) Phenanthrene-d10	11.08	188	792797	20.00	ng		-0.08
75) Chrysene-d12	13.71	240	615311	20.00	ng		-0.08
86) Perylene-d12	15.06	264	717754	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1099400	79.13	ng		-0.09
7) Phenol-d6	6.23	99	1273236	75.06	ng		-0.08
23) Nitrobenzene-d5	7.14	82	1255188	75.81	ng		-0.08
41) 2,4,6-Tribromophenol	10.39	330	316963	79.45	ng		-0.08
44) 2-Fluorobiphenyl	8.93	172	1774425	73.71	ng		-0.08
78) Terphenyl-d14	12.66	244	1680861	66.25	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	277661	40.60	ng		98
3) Pyridine	2.60	79	767955m	32.17	ng		
4) n-Nitrosodimethylamine	2.56	42	272662	30.28	ng		95
6) Aniline	6.22	93	841626	38.20	ng	#	47
8) 2-Chlorophenol	6.36	128	599711	37.95	ng		86
9) Benzaldehyde	6.11	77	380121	38.87	ng		99
10) Phenol	6.24	94	843868	43.66	ng	#	72
11) bis(2-Chloroethyl)ether	6.31	93	644013	41.88	ng		94
12) 1,3-Dichlorobenzene	6.50	146	634282	37.60	ng	#	90
13) 1,4-Dichlorobenzene	6.58	146	631202	36.76	ng		100
14) 1,2-Dichlorobenzene	6.74	146	612836	41.13	ng		99
15) Benzyl Alcohol	6.72	79	487593	37.00	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.86	45	895261	39.09	ng		58
17) 2-Methylphenol	6.85	107	457997	36.04	ng	#	88
18) Hexachloroethane	7.07	117	229229	36.01	ng	#	85
19) n-Nitroso-di-n-propylamine	7.00	70	445679	39.50	ng		96
20) 3+4-Methylphenols	7.01	107	644731	42.53	ng	#	69
22) Acetophenone	6.99	105	893222	39.33	ng	#	93
24) Nitrobenzene	7.16	77	657084	37.26	ng		96
25) Isophorone	7.40	82	1199671	39.27	ng		94
26) 2-Nitrophenol	7.48	139	367315	42.24	ng	#	87
27) 2,4-Dimethylphenol	7.54	122	522602	36.23	ng		97
28) bis(2-Chloroethoxy)methane	7.62	93	640305	34.57	ng		98
29) 2,4-Dichlorophenol	7.73	162	474630	38.86	ng		91
30) 1,2,4-Trichlorobenzene	7.80	180	482495	36.05	ng		96
31) Naphthalene	7.88	128	1680079	39.87	ng		99
32) Benzoic acid	7.71	122	409492	38.28	ng		90
33) 4-Chloroaniline	7.94	127	690785	36.36	ng		99
34) Hexachlorobutadiene	7.99	225	256509	36.31	ng		100
35) Caprolactam	8.32	113	163536	40.74	ng		93
36) 4-Chloro-3-methylphenol	8.44	107	499240	35.52	ng		99
37) 2-Methylnaphthalene	8.56	142	1005972	37.00	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	484244	39.76	ng		100
40) Hexachlorocyclopentadiene	8.72	237	190243	37.31	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	300719	35.31	ng		95
43) 2,4,5-Trichlorophenol	8.91	196	298648	34.07	ng	#	86
45) 1,1'-Biphenyl	9.03	154	1383081	41.90	ng		99
46) 2-Chloronaphthalene	9.06	162	1019089	38.99	ng		96
47) 2-Nitroaniline	9.16	65	353202	37.95	ng		95
48) Acenaphthylene	9.46	152	1447516	36.01	ng		98
49) Dimethylphthalate	9.34	163	1116154	36.20	ng		99
50) 2,6-Dinitrotoluene	9.41	165	267324	39.61	ng	#	75
51) Acenaphthene	9.63	154	962969	35.33	ng		99
52) 3-Nitroaniline	9.57	138	296315	35.48	ng		99
53) 2,4-Dinitrophenol	9.68	184	148604	39.58	ng	#	51
54) Dibenzofuran	9.80	168	1262588	34.30	ng		99
55) 4-Nitrophenol	9.76	139	191356m	33.75	ng		
56) 2,4-Dinitrotoluene	9.81	165	341608	40.33	ng		94
57) Fluorene	10.14	166	928687	34.68	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	270427	39.01	ng		93
59) Diethylphthalate	10.04	149	1183285	39.52	ng		97
60) 4-Chlorophenyl-phenylether	10.14	204	457809	39.05	ng		91
61) 4-Nitroaniline	10.19	138	343513	39.69	ng		94
62) Azobenzene	10.30	77	1309259	39.71	ng		95
64) 4,6-Dinitro-2-methylphenol	10.22	198	215767	45.01	ng		85
65) n-Nitrosodiphenylamine	10.27	169	957231	40.69	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	309582	37.54	ng	#	74
67) Hexachlorobenzene	10.69	284	303003	34.37	ng	#	84
68) Atrazine	10.80	200	248573	32.76	ng		93
69) Pentachlorophenol	10.90	266	151326	34.99	ng		98
70) Phenanthrene	11.10	178	1611165	37.48	ng		99
71) Anthracene	11.15	178	1465544	35.93	ng		98
72) Carbazole	11.32	167	1491773	40.24	ng	#	96
73) Di-n-butylphthalate	11.65	149	1655878	40.22	ng		99
74) Fluoranthene	12.28	202	1515245	39.73	ng		99
76) Benzidine	12.42	184	682418	43.16	ng		96
77) Pyrene	12.51	202	1719277	38.08	ng		100
79) Butylbenzylphthalate	13.14	149	750542	36.55	ng		97
80) Benzo(a)anthracene	13.70	228	1513585	43.58	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	559348	42.47	ng		97
82) Chrysene	13.73	228	1534679	44.05	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	1039548	42.99	ng	#	94
84) Di-n-octyl phthalate	14.31	149	2048997	45.74	ng		100
85) Indeno(1,2,3-cd)pyrene	16.28	276	1438851m	47.67	ng		
87) Benzo(b)fluoranthene	14.69	252	1486391m	33.26	ng		
88) Benzo(k)fluoranthene	14.71	252	1435834m	37.68	ng		
89) Benzo(a)pyrene	15.00	252	1428439	36.02	ng		98
90) Dibenzo(a,h)anthracene	16.29	278	1223919	37.54	ng		99
91) Benzo(g,h,i)perylene	16.65	276	1273605	37.57	ng	#	93

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

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