Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092250.D
Acq On : 13 Jan 2017 19:06
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/16/2017 8:39:16 AM

Quant Time: Jan 16 02:16:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 01:02:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	183665	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	758527	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	395763	20.00	ng		-0.01
63) Phenanthrene-d10	11.09	188	630229	20.00	ng		-0.01
75) Chrysene-d12	13.72	240	439010	20.00	ng		-0.01
86) Perylene-d12	15.07	264	409369	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	1098651	99.88	ng		-0.01
7) Phenol-d6	6.24	99	996008	74.17	ng		-0.01
23) Nitrobenzene-d5	7.16	82	1064095	78.01	ng		0.00
41) 2,4,6-Tribromophenol	10.40	330	252292	77.03	ng		-0.01
44) 2-Fluorobiphenyl	8.94	172	1677754	87.19	ng		-0.01
78) Terphenyl-d14	12.68	244	1594216	88.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	245101	45.26	ng		98
3) Pyridine	2.62	79	792459	41.93	ng		99
4) n-Nitrosodimethylamine	2.59	42	279272	39.17	ng		100
6) Aniline	6.24	93	655329	37.57	ng	#	54
8) 2-Chlorophenol	6.37	128	491862	39.31	ng		88
9) Benzaldehyde	6.12	77	293937	37.50	ng		99
10) Phenol	6.26	94	595462	38.91	ng		80
11) bis(2-Chloroethyl)ether	6.32	93	506267	41.58	ng		97
12) 1,3-Dichlorobenzene	6.52	146	523399	39.19	ng		99
13) 1,4-Dichlorobenzene	6.60	146	513834m	37.79	ng		
14) 1,2-Dichlorobenzene	6.75	146	476413	40.39	ng		99
15) Benzyl Alcohol	6.74	79	384568	36.85	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.87	45	714182	39.39	ng	#	44
17) 2-Methylphenol	6.87	107	380342	37.80	ng	#	89
18) Hexachloroethane	7.09	117	198334	39.35	ng		90
19) n-Nitroso-di-n-propylamine	7.01	70	345068	38.62	ng		98
20) 3+4-Methylphenols	7.02	107	528718	44.05	ng	#	70
22) Acetophenone	7.00	105	724658	38.73	ng	#	93
24) Nitrobenzene	7.17	77	535280	36.84	ng		99
25) Isophorone	7.42	82	956793	38.02	ng		98
26) 2-Nitrophenol	7.49	139	292374	40.81	ng		91
27) 2,4-Dimethylphenol	7.55	122	424450	35.72	ng		99
28) bis(2-Chloroethoxy)methane	7.63	93	552799	36.22	ng		98
29) 2,4-Dichlorophenol	7.74	162	401071	39.86	ng		90
30) 1,2,4-Trichlorobenzene	7.81	180	422779	38.34	ng		95
31) Naphthalene	7.89	128	1439849	41.48	ng		99
32) Benzoic acid	7.72	122	335803	38.10	ng		98
33) 4-Chloroaniline	7.95	127	566954	36.22	ng		99
34) Hexachlorobutadiene	8.00	225	232370	39.92	ng		99
35) Caprolactam	8.34	113	115161	34.83	ng	#	63
36) 4-Chloro-3-methylphenol	8.45	107	412505	35.62	ng		96
37) 2-Methylnaphthalene	8.58	142	857729	38.83	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	405421	40.55	ng		99
40) Hexachlorocyclopentadiene	8.74	237	174710	41.26	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	259696	37.14	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	264514	36.76	ng	#	90
45) 1,1'-Biphenyl	9.04	154	1073169	39.60	ng		97
46) 2-Chloronaphthalene	9.07	162	841363	39.21	ng		98
47) 2-Nitroaniline	9.17	65	254528	33.31	ng		99
48) Acenaphthylene	9.48	152	1301577	39.44	ng		99
49) Dimethylphthalate	9.35	163	998116	39.43	ng		98
50) 2,6-Dinitrotoluene	9.42	165	238053	42.97	ng		95
51) Acenaphthene	9.65	154	865032	38.66	ng		99
52) 3-Nitroaniline	9.58	138	260487	37.99	ng		98
53) 2,4-Dinitrophenol	9.71	184	181295	58.81	ng		95
54) Dibenzofuran	9.82	168	1090312	36.08	ng		97
55) 4-Nitrophenol	9.78	139	149296m	32.07	ng		
56) 2,4-Dinitrotoluene	9.82	165	242782	34.91	ng	#	75
57) Fluorene	10.16	166	917912	41.75	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.95	232	219152	38.50	ng		96
59) Diethylphthalate	10.05	149	941207	38.29	ng		100
60) 4-Chlorophenyl-phenylether	10.15	204	359544	37.35	ng		98
61) 4-Nitroaniline	10.20	138	247047	34.77	ng		98
62) Azobenzene	10.31	77	1008870	37.28	ng		99
64) 4,6-Dinitro-2-methylphenol	10.23	198	168699	44.27	ng		72
65) n-Nitrosodiphenylamine	10.28	169	706378	37.77	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	268799	41.00	ng	#	91
67) Hexachlorobenzene	10.71	284	272508	38.89	ng	#	83
68) Atrazine	10.82	200	222768	36.93	ng		97
69) Pentachlorophenol	10.91	266	133069	38.70	ng		98
70) Phenanthrene	11.11	178	1223015	35.79	ng		99
71) Anthracene	11.17	178	1402752	47.01	ng		98
72) Carbazole	11.33	167	1280084	45.89	ng		98
73) Di-n-butylphthalate	11.66	149	1541489	47.87	ng		99
74) Fluoranthene	12.29	202	1289482	42.82	ng		99
76) Benzidine	12.43	184	449802	39.00	ng		96
77) Pyrene	12.52	202	1284421	39.88	ng		99
79) Butylbenzylphthalate	13.15	149	636687	43.46	ng		94
80) Benzo(a)anthracene	13.71	228	1150501	46.43	ng		100
81) 3,3'-Dichlorobenzidine	13.67	252	389970	41.50	ng		99
82) Chrysene	13.74	228	912820	36.72	ng		99
83) Bis(2-ethylhexyl)phthalate	13.72	149	848472	49.18	ng	#	97
84) Di-n-octyl phthalate	14.33	149	1408622	44.08	ng		100
85) Indeno(1,2,3-cd)pyrene	16.30	276	806344	37.44	ng		99
87) Benzo(b)fluoranthene	14.70	252	1076833m	42.25	ng		
88) Benzo(k)fluoranthene	14.74	252	1045925m	48.12	ng		
89) Benzo(a)pyrene	15.01	252	874119	38.64	ng		98
90) Dibenzo(a,h)anthracene	16.31	278	675372	36.32	ng		96
91) Benzo(g,h,i)perylene	16.67	276	696168	36.01	ng		97

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

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