Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093198.D
Acq On : 27 Feb 2017 10:11
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/28/2017 2:28:23 PM

Quant Time: Feb 27 10:56:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	215879	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	879228	20.00	ng		-0.02
38) Acenaphthene-d10	9.89	164	475217	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	757112	20.00	ng		0.00
75) Chrysene-d12	14.02	240	549913	20.00	ng		0.00
86) Perylene-d12	15.44	264	443755	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	997022	79.23	ng		-0.02
7) Phenol-d6	6.49	99	1261638	77.93	ng		0.00
23) Nitrobenzene-d5	7.41	82	1270627	80.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	235255	68.45	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1898578	72.38	ng		-0.01
78) Terphenyl-d14	12.96	244	1767215	75.51	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	273597	40.24	ng	#	85
3) Pyridine	3.08	79	762474	44.10	ng		86
4) n-Nitrosodimethylamine	3.06	42	360255	44.38	ng		85
6) Aniline	6.50	93	852765	38.61	ng		89
8) 2-Chlorophenol	6.62	128	573542	41.32	ng		91
9) Benzaldehyde	6.37	77	395560	34.10	ng		91
10) Phenol	6.50	94	765671	40.42	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	611149	40.42	ng		90
12) 1,3-Dichlorobenzene	6.77	146	683754	42.05	ng		98
13) 1,4-Dichlorobenzene	6.85	146	684590m	41.60	ng		
14) 1,2-Dichlorobenzene	7.00	146	571182	36.30	ng		98
15) Benzyl Alcohol	6.99	79	444789	37.11	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	996130	37.92	ng		82
17) 2-Methylphenol	7.10	107	474434	39.84	ng		95
18) Hexachloroethane	7.34	117	236687	42.13	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	428599	41.59	ng		98
20) 3+4-Methylphenols	7.26	107	569000	39.96	ng	#	80
22) Acetophenone	7.25	105	778348	38.77	ng	#	98
24) Nitrobenzene	7.42	77	627002	38.67	ng		99
25) Isophorone	7.68	82	1234067	41.95	ng		99
26) 2-Nitrophenol	7.74	139	323146	41.93	ng		97
27) 2,4-Dimethylphenol	7.79	122	499389	36.90	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	774462	39.75	ng		99
29) 2,4-Dichlorophenol	8.00	162	514077	40.73	ng		93
30) 1,2,4-Trichlorobenzene	8.06	180	509412	37.45	ng	#	94
31) Naphthalene	8.14	128	1632353	36.62	ng		100
32) Benzoic acid	7.95	122	270958	37.23	ng		98
33) 4-Chloroaniline	8.20	127	657459	37.61	ng		94
34) Hexachlorobutadiene	8.26	225	265725	35.51	ng		99
35) Caprolactam	8.60	113	155201	39.09	ng	#	27
36) 4-Chloro-3-methylphenol	8.70	107	511234	38.85	ng		99
37) 2-Methylnaphthalene	8.84	142	981445	34.30	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	489571	36.70	ng		99
40) Hexachlorocyclopentadiene	8.99	237	210268	34.94	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	321600	36.69	ng		91
43) 2,4,5-Trichlorophenol	9.18	196	358308	37.31	ng	#	82
45) 1,1'-Biphenyl	9.31	154	1191377	34.62	ng		97
46) 2-Chloronaphthalene	9.33	162	1035135	38.45	ng		94
47) 2-Nitroaniline	9.45	65	399469	44.14	ng	#	79
48) Acenaphthylene	9.76	152	1676940	36.06	ng		99
49) Dimethylphthalate	9.62	163	1198507	37.44	ng		98
50) 2,6-Dinitrotoluene	9.69	165	260663	37.71	ng	#	81
51) Acenaphthene	9.93	154	947338	34.07	ng		97
52) 3-Nitroaniline	9.86	138	303036	38.31	ng		99
53) 2,4-Dinitrophenol	9.97	184	140511	42.33	ng	#	85
54) Dibenzofuran	10.10	168	1206463	32.44	ng		96
55) 4-Nitrophenol	10.04	139	192957	33.87	ng	#	80
56) 2,4-Dinitrotoluene	10.10	165	342134	37.18	ng		91
57) Fluorene	10.44	166	1072497	37.49	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	263365	41.11	ng		93
59) Diethylphthalate	10.32	149	1036188	34.35	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	443316	32.25	ng		90
61) 4-Nitroaniline	10.48	138	305773	37.74	ng		94
62) Azobenzene	10.59	77	1204118	38.64	ng		96
64) 4,6-Dinitro-2-methylphenol	10.51	198	213809	46.48	ng		82
65) n-Nitrosodiphenylamine	10.56	169	927021	38.33	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	311489	39.38	ng	#	89
67) Hexachlorobenzene	10.99	284	308158	39.42	ng		99
68) Atrazine	11.08	200	277945	35.81	ng		99
69) Pentachlorophenol	11.19	266	132877	37.17	ng		98
70) Phenanthrene	11.40	178	1538358	35.47	ng		100
71) Anthracene	11.46	178	1729359	39.70	ng		98
72) Carbazole	11.62	167	1726606	41.47	ng		97
73) Di-n-butylphthalate	11.94	149	1856229	41.22	ng	#	97
74) Fluoranthene	12.59	202	1656070	37.01	ng		97
76) Benzidine	12.72	184	860989	36.74	ng		98
77) Pyrene	12.82	202	1714424	41.66	ng		99
79) Butylbenzylphthalate	13.43	149	727050	43.50	ng		97
80) Benzo(a)anthracene	14.00	228	1334183	39.67	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	460255	38.39	ng		99
82) Chrysene	14.04	228	1328844	42.20	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	998744	43.70	ng	#	96
84) Di-n-octyl phthalate	14.59	149	1506147	40.47	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	959924	39.35	ng	#	93
87) Benzo(b)fluoranthene	15.03	252	1341323m	45.92	ng		
88) Benzo(k)fluoranthene	15.06	252	835165m	33.12	ng		
89) Benzo(a)pyrene	15.38	252	995149	39.39	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	811195	39.73	ng		96
91) Benzo(g,h,i)perylene	17.28	276	850603	41.24	ng	#	92

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

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