Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111244.D
Acq On : 10 Dec 2018 16:12
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/11/2018 2:23:25 PM

Quant Time: Dec 11 04:36:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	641602	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2602995	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	1231785	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	2060160	20.00	ng		0.00
76) Chrysene-d12	13.96	240	1266386	20.00	ng		0.00
87) Perylene-d12	15.40	264	1108715	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	3026493	74.49	ng		0.00
7) Phenol-d6	6.43	99	3910145	77.44	ng		0.00
23) Nitrobenzene-d5	7.37	82	3594752	77.46	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	824010	75.52	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	5182186	69.03	ng		0.00
79) Terphenyl-d14	12.91	244	4178613	79.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	782844	37.551	ng		98
3) Pyridine	3.26	79	2144504	38.720	ng		99
4) n-Nitrosodimethylamine	3.20	42	913634	38.690	ng		100
6) Aniline	6.46	93	2675200	39.735	ng		99
8) 2-Chlorophenol	6.59	128	1799262	38.958	ng		99
9) Benzaldehyde	6.35	77	1189970	40.427	ng		99
10) Phenol	6.45	94	2284513	38.692	ng		92
11) bis(2-Chloroethyl)ether	6.54	93	1777442	38.925	ng		98
12) 1,3-Dichlorobenzene	6.75	146	1905245	38.393	ng		99
13) 1,4-Dichlorobenzene	6.82	146	1913046	38.179	ng		100
14) 1,2-Dichlorobenzene	6.97	146	1751156	37.470	ng		98
15) Benzyl Alcohol	6.95	79	1548648	38.756	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3329375	38.943	ng		99
17) 2-Methylphenol	7.06	107	1496633	39.691	ng		99
18) Hexachloroethane	7.32	117	737803	38.674	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	1322126	39.086	ng		98
20) 3+4-Methylphenols	7.21	107	1695778	37.810	ng		95
22) Acetophenone	7.22	105	2244835	37.691	ng	#	93
24) Nitrobenzene	7.39	77	1889847	39.126	ng		95
25) Isophorone	7.63	82	3132539	39.631	ng		100
26) 2-Nitrophenol	7.70	139	978906	40.791	ng		99
27) 2,4-Dimethylphenol	7.74	122	1447545	39.035	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	2113324	38.609	ng		100
29) 2,4-Dichlorophenol	7.94	162	1484780	39.157	ng		100
30) 1,2,4-Trichlorobenzene	8.03	180	1458271	39.043	ng		98
31) Naphthalene	8.11	128	4386308	38.610	ng		98
32) Benzoic acid	7.87	122	1384458m	45.147	ng		
33) 4-Chloroaniline	8.15	127	2133493	39.100	ng		99
34) Hexachlorobutadiene	8.23	225	801076	38.854	ng		99
35) Caprolactam	8.53	113	562775m	41.884	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1572839	40.513	ng		96
37) 2-Methylnaphthalene	8.80	142	2935958	38.926	ng		98
38) 1-Methylnaphthalene	8.90	142	2854620	38.647	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1240333	36.188	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	690786	35.390	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	961630	37.377	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	1008626	37.634	ng	96
46) 1,1'-Biphenyl	9.26	154	3702559	36.155	ng	98
47) 2-Chloronaphthalene	9.29	162	2926594	36.311	ng	99
48) 2-Nitroaniline	9.38	65	1067145	38.814	ng	92
49) Acenaphthylene	9.70	152	4134647	35.337	ng	98
50) Dimethylphthalate	9.57	163	3231241	35.552	ng	100
51) 2,6-Dinitrotoluene	9.62	165	795784	39.647	ng	89
52) Acenaphthene	9.87	154	2730336	37.184	ng	99
53) 3-Nitroaniline	9.79	138	970567	39.176	ng	95
54) 2,4-Dinitrophenol	9.89	184	299632	37.776	ng	84
55) Dibenzofuran	10.05	168	3790623	37.947	ng	96
56) 4-Nitrophenol	9.95	139	762149	39.499	ng	98
57) 2,4-Dinitrotoluene	10.02	165	1020205	41.230	ng	91
58) Fluorene	10.39	166	2633404	34.067	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	775671	38.182	ng	99
60) Diethylphthalate	10.26	149	3278438	37.835	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	1342608	34.981	ng	98
62) 4-Nitroaniline	10.40	138	934766	39.876	ng	98
63) Azobenzene	10.54	77	3333000	37.049	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	458460	37.805	ng	95
66) n-Nitrosodiphenylamine	10.50	169	2726241	38.875	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	879309	38.969	ng	95
68) Hexachlorobenzene	10.94	284	892092	38.864	ng	95
69) Atrazine	11.03	200	824325	38.654	ng	98
70) Pentachlorophenol	11.13	266	665817	39.985	ng	96
71) Phenanthrene	11.35	178	3755807	36.144	ng	100
72) Anthracene	11.40	178	3862858	35.532	ng	99
73) Carbazole	11.55	167	3965802	34.887	ng	97
74) Di-n-butylphthalate	11.89	149	4421220	37.840	ng	100
75) Fluoranthene	12.53	202	3675249	38.718	ng	96
77) Benzidine	12.65	184	2017411	53.652	ng	99
78) Pyrene	12.76	202	3790814	41.889	ng	99
80) Butylbenzylphthalate	13.39	149	1892724	40.042	ng	96
81) Benzo(a)anthracene	13.95	228	2655474	37.586	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	1109579	38.317	ng	97
83) Chrysene	13.99	228	2767123	37.991	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	2104136	37.462	ng	99
85) Di-n-octyl phthalate	14.57	149	3465607	36.812	ng	100
86) Indeno(1,2,3-cd)pyrene	16.82	276	2398518	40.795	ng	99
88) Benzo(b)fluoranthene	14.99	252	2314215	37.743	ng	98
89) Benzo(k)fluoranthene	15.02	252	2340940	40.608	ng	98
90) Benzo(a)pyrene	15.34	252	2198580	38.938	ng	100
91) Dibenzo(a,h)anthracene	16.83	278	1989259	44.855	ng	99
92) Benzo(g,h,i)perylene	17.24	276	2050598	46.190	ng	98

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

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