

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101598.D
 Acq On : 21 Dec 2017 11:13
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 21 13:24:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145099	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	595257	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	271408	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	516404	20.00	ng	0.00
75) Chrysene-d12	13.97	240	400392	20.00	ng	0.00
86) Perylene-d12	15.43	264	366315	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	764211	78.45	ng	0.00
7) Phenol-d6	6.44	99	892260	73.60	ng	0.00
23) Nitrobenzene-d5	7.37	82	832189	77.82	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	214827	82.14	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1353866	77.38	ng	0.00
78) Terphenyl-d14	12.91	244	1249374	75.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	185839	37.129	ng	94
3) Pyridine	3.27	79	521312	37.487	ng	98
4) n-Nitrosodimethylamine	3.24	42	242476	37.869	ng	# 97
6) Aniline	6.46	93	626587	37.193	ng	# 87
8) 2-Chlorophenol	6.59	128	389078	37.971	ng	99
9) Benzaldehyde	6.36	77	324235	36.215	ng	100
10) Phenol	6.45	94	519087	37.568	ng	89
11) bis(2-Chloroethyl)ether	6.53	93	416203	38.401	ng	95
12) 1,3-Dichlorobenzene	6.73	146	436390	37.734	ng	97
13) 1,4-Dichlorobenzene	6.82	146	448695	37.994	ng	98
14) 1,2-Dichlorobenzene	6.97	146	404797	38.080	ng	98
15) Benzyl Alcohol	6.95	79	303492	36.371	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	630782	38.028	ng	70
17) 2-Methylphenol	7.06	107	347482	36.866	ng	# 93
18) Hexachloroethane	7.30	117	158413	38.581	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	290829	36.530	ng	96
20) 3+4-Methylphenols	7.22	107	403043	40.352	ng	# 60
22) Acetophenone	7.22	105	522041	38.435	ng	# 89
24) Nitrobenzene	7.39	77	450231	38.043	ng	96
25) Isophorone	7.62	82	809490	37.735	ng	96
26) 2-Nitrophenol	7.70	139	216850	42.649	ng	99
27) 2,4-Dimethylphenol	7.74	122	320054	37.052	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	516307	37.890	ng	98
29) 2,4-Dichlorophenol	7.95	162	330966	38.783	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	339585	37.708	ng	97
31) Naphthalene	8.10	128	1114944	37.205	ng	100
32) Benzoic acid	7.90	122	247776	43.472	ng	96
33) 4-Chloroaniline	8.16	127	490571	37.664	ng	98
34) Hexachlorobutadiene	8.21	225	200051	38.407	ng	97
35) Caprolactam	8.55	113	112184	37.859	ng	# 86
36) 4-Chloro-3-methylphenol	8.65	107	357646	38.130	ng	98
37) 2-Methylnaphthalene	8.79	142	719056	36.829	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	353362	38.562	ng	97
40) Hexachlorocyclopentadiene	8.93	237	57181	43.299	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	218049	39.526	ng	100
43) 2,4,5-Trichlorophenol	9.13	196	232569	38.502	ng	97
45) 1,1'-Biphenyl	9.26	154	895521	37.205	ng	98
46) 2-Chloronaphthalene	9.29	162	685589	37.226	ng	98
47) 2-Nitroaniline	9.39	65	258889	40.691	ng	91
48) Acenaphthylene	9.70	152	1054210	36.240	ng	100
49) Dimethylphthalate	9.56	163	779732	35.717	ng	99
50) 2,6-Dinitrotoluene	9.63	165	172780	38.941	ng	# 90
51) Acenaphthene	9.87	154	643109	36.798	ng	99
52) 3-Nitroaniline	9.81	138	221348	40.013	ng	96
53) 2,4-Dinitrophenol	9.93	184	56423	42.121	ng	# 20
54) Dibenzofuran	10.04	168	876664	39.471	ng	98
55) 4-Nitrophenol	9.99	139	79696	33.040	ng	93
56) 2,4-Dinitrotoluene	10.05	165	212132	42.434	ng	# 85
57) Fluorene	10.39	166	724214	38.545	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	186766	43.036	ng	# 87
59) Diethylphthalate	10.25	149	820545	37.955	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	360329	40.016	ng	97
61) 4-Nitroaniline	10.43	138	210623	37.879	ng	98
62) Azobenzene	10.53	77	842495	37.619	ng	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	123222	46.759	ng	94
65) n-Nitrosodiphenylamine	10.50	169	711864	37.333	ng	96
66) 4-Bromophenyl-phenylether	10.86	248	226860	39.097	ng	# 88
67) Hexachlorobenzene	10.94	284	235652	38.373	ng	# 85
68) Atrazine	11.02	200	220074	38.707	ng	98
69) Pentachlorophenol	11.14	266	83028	38.474	ng	99
70) Phenanthrene	11.35	178	1054147	36.707	ng	99
71) Anthracene	11.40	178	1080265	36.826	ng	99
72) Carbazole	11.56	167	1005933	36.626	ng	99
73) Di-n-butylphthalate	11.87	149	1287167	38.613	ng	100
74) Fluoranthene	12.54	202	1113945	36.955	ng	99
76) Benzidine	12.66	184	606772	35.881	ng	99
77) Pyrene	12.77	202	1140436	37.952	ng	100
79) Butylbenzylphthalate	13.37	149	553715	40.725	ng	98
80) Benzo(a)anthracene	13.96	228	984395	37.233	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	323636	37.542	ng	# 98
82) Chrysene	14.00	228	928560	37.198	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	688024	39.951	ng	99
84) Di-n-octyl phthalate	14.53	149	1238711	40.331	ng	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	743649	33.454	ng	95
87) Benzo(b)fluoranthene	15.01	252	905166	40.540	ng	98
88) Benzo(k)fluoranthene	15.04	252	753957	34.731	ng	98
89) Benzo(a)pyrene	15.38	252	762996	37.069	ng	98
90) Dibenzo(a,h)anthracene	16.92	278	634562	35.907	ng	97
91) Benzo(g,h,i)perylene	17.36	276	623082	35.606	ng	96

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

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