

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099761.D
 Acq On : 23 Oct 2017 16:06
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 23 17:54:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:08:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	91729	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	379675	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	176563	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	312834	20.00	ng	0.00
75) Chrysene-d12	13.99	240	243891	20.00	ng	0.00
86) Perylene-d12	15.44	264	236432	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	473502	81.04	ng	0.00
7) Phenol-d6	6.45	99	553088	79.84	ng	0.00
23) Nitrobenzene-d5	7.37	82	462446	78.42	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	122609	76.20	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	904923	79.07	ng	0.00
78) Terphenyl-d14	12.92	244	858592	76.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	104347	40.443	ng	# 88
3) Pyridine	3.29	79	269029	43.359	ng	# 88
4) n-Nitrosodimethylamine	3.26	42	94315	42.549	ng	# 78
6) Aniline	6.47	93	358505	39.910	ng	99
8) 2-Chlorophenol	6.59	128	250866	40.286	ng	93
9) Benzaldehyde	6.36	77	170186	41.109	ng	93
10) Phenol	6.46	94	310051	40.762	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	238841	40.662	ng	94
12) 1,3-Dichlorobenzene	6.75	146	276640	39.566	ng	96
13) 1,4-Dichlorobenzene	6.82	146	282535	39.815	ng	98
14) 1,2-Dichlorobenzene	6.97	146	260765	40.320	ng	98
15) Benzyl Alcohol	6.96	79	177329	40.249	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	260681	39.952	ng	80
17) 2-Methylphenol	7.07	107	206888	39.719	ng	98
18) Hexachloroethane	7.31	117	94435	39.888	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	158803	39.115	ng	91
20) 3+4-Methylphenols	7.22	107	242723	40.020	ng	# 65
22) Acetophenone	7.22	105	332593	38.473	ng	# 98
24) Nitrobenzene	7.40	77	235414	39.618	ng	# 86
25) Isophorone	7.63	82	417000	38.968	ng	96
26) 2-Nitrophenol	7.71	139	136929	40.233	ng	# 87
27) 2,4-Dimethylphenol	7.75	122	198798	39.644	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	293218	39.124	ng	99
29) 2,4-Dichlorophenol	7.95	162	209091	40.139	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	220428	39.603	ng	97
31) Naphthalene	8.11	128	721687	39.378	ng	100
32) Benzoic acid	7.90	122	181023	41.012	ng	92
33) 4-Chloroaniline	8.16	127	300000	39.641	ng	97
34) Hexachlorobutadiene	8.22	225	113859	39.771	ng	98
35) Caprolactam	8.55	113	65303	39.863	ng	# 79
36) 4-Chloro-3-methylphenol	8.65	107	205991	38.742	ng	95
37) 2-Methylnaphthalene	8.80	142	479637	39.052	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	224190	39.314	ng	98
40) Hexachlorocyclopentadiene	8.95	237	33215	38.854	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	136202	39.486	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	146740	40.088	ng	# 91
45) 1,1'-Biphenyl	9.26	154	615211	38.516	ng	99
46) 2-Chloronaphthalene	9.29	162	450963	38.876	ng	97
47) 2-Nitroaniline	9.40	65	118816	39.026	ng	84
48) Acenaphthylene	9.71	152	696294	38.973	ng	99
49) Dimethylphthalate	9.57	163	539757	38.603	ng	99
50) 2,6-Dinitrotoluene	9.64	165	115364	39.247	ng	# 85
51) Acenaphthene	9.88	154	418774	38.361	ng	99
52) 3-Nitroaniline	9.82	138	137052	39.571	ng	87
53) 2,4-Dinitrophenol	9.93	184	37995	36.142	ng	# 82
54) Dibenzofuran	10.05	168	589586	38.261	ng	99
55) 4-Nitrophenol	9.99	139	70120	38.747	ng	81
56) 2,4-Dinitrotoluene	10.05	165	137473	38.835	ng	# 95
57) Fluorene	10.39	166	490337	38.431	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	101369	39.498	ng	94
59) Diethylphthalate	10.26	149	516308	37.812	ng	98
60) 4-Chlorophenyl-phenylether	10.38	204	230506	38.388	ng	96
61) 4-Nitroaniline	10.43	138	132663	40.147	ng	83
62) Azobenzene	10.55	77	441438	38.567	ng	90
64) 4,6-Dinitro-2-methylphenol	10.46	198	79293	40.322	ng	81
65) n-Nitrosodiphenylamine	10.50	169	456066	39.493	ng	98
66) 4-Bromophenyl-phenylether	10.87	248	131144	39.821	ng	# 89
67) Hexachlorobenzene	10.95	284	131264	38.959	ng	# 91
68) Atrazine	11.03	200	134447	38.758	ng	97
69) Pentachlorophenol	11.15	266	55085	38.261	ng	98
70) Phenanthrene	11.36	178	693636	39.289	ng	99
71) Anthracene	11.41	178	702577	39.205	ng	99
72) Carbazole	11.57	167	658401	39.069	ng	100
73) Di-n-butylphthalate	11.89	149	827844	38.514	ng	99
74) Fluoranthene	12.55	202	708830	38.634	ng	99
76) Benzidine	12.67	184	430372	40.327	ng	96
77) Pyrene	12.78	202	733597	39.557	ng	99
79) Butylbenzylphthalate	13.39	149	356607	39.049	ng	93
80) Benzo(a)anthracene	13.97	228	615037	39.780	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	227171	40.477	ng	97
82) Chrysene	14.01	228	571969	39.350	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	485482	37.856	ng	99
84) Di-n-octyl phthalate	14.55	149	854917	38.840	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.93	276	520449	39.003	ng	97
87) Benzo(b)fluoranthene	15.02	252	557260	37.326	ng	97
88) Benzo(k)fluoranthene	15.05	252	571544	40.598	ng	99
89) Benzo(a)pyrene	15.39	252	525580	39.190	ng	# 96
90) Dibenzo(a,h)anthracene	16.93	278	447393	37.544	ng	97
91) Benzo(g,h,i)perylene	17.37	276	433651	37.196	ng	99

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

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