

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102772.D
 Acq On : 6 Feb 2018 9:49
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 06 12:27:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	212854	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	895996	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	404100	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	719251	20.00	ng	0.00
75) Chrysene-d12	14.05	240	531601	20.00	ng	0.00
86) Perylene-d12	15.53	264	516214	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1050020	74.92	ng	0.00
7) Phenol-d6	6.51	99	1266836	75.07	ng	0.00
23) Nitrobenzene-d5	7.45	82	1124780	87.08	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	286018	87.94	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1818545	74.67	ng	0.00
78) Terphenyl-d14	12.99	244	1574782	70.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	265137	38.299	ng	87
3) Pyridine	3.43	79	748968	39.159	ng	90
4) n-Nitrosodimethylamine	3.39	42	304265	37.181	ng	95
6) Aniline	6.55	93	932490	37.416	ng	97
8) 2-Chlorophenol	6.67	128	556642	38.577	ng	97
9) Benzaldehyde	6.43	77	445586	35.554	ng	97
10) Phenol	6.52	94	676865	37.425	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	558397	37.104	ng	93
12) 1,3-Dichlorobenzene	6.83	146	623374	37.306	ng	98
13) 1,4-Dichlorobenzene	6.90	146	616308	37.027	ng	98
14) 1,2-Dichlorobenzene	7.06	146	579568	37.383	ng	99
15) Benzyl Alcohol	7.02	79	501702	38.668	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1033090	36.137	ng	97
17) 2-Methylphenol	7.13	107	500447	37.600	ng	98
18) Hexachloroethane	7.40	117	225092	39.436	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	402187	36.146	ng	93
20) 3+4-Methylphenols	7.29	107	610270	37.181	ng	# 87
22) Acetophenone	7.30	105	782892	35.706	ng	# 97
24) Nitrobenzene	7.47	77	618797	40.722	ng	97
25) Isophorone	7.70	82	1089771	36.642	ng	99
26) 2-Nitrophenol	7.78	139	313907	49.878	ng	97
27) 2,4-Dimethylphenol	7.82	122	447230	35.593	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	646516	36.695	ng	99
29) 2,4-Dichlorophenol	8.02	162	452864	39.647	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	483137	37.389	ng	98
31) Naphthalene	8.19	128	1599149	36.530	ng	100
32) Benzoic acid	7.94	122	344379	41.284	ng	98
33) 4-Chloroaniline	8.23	127	714374	37.881	ng	97
34) Hexachlorobutadiene	8.30	225	247958	37.447	ng	99
35) Caprolactam	8.62	113	161908	40.815	ng	# 74
36) 4-Chloro-3-methylphenol	8.71	107	497745	38.783	ng	99
37) 2-Methylnaphthalene	8.88	142	1048235	36.574	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	418329	38.020	ng	98
40) Hexachlorocyclopentadiene	9.03	237	232688	44.486	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	304590	42.146	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	350013	42.970	nq	99
45) 1,1'-Biphenyl	9.34	154	1262079	37.080	nq	100
46) 2-Chloronaphthalene	9.37	162	1020190	38.073	nq	100
47) 2-Nitroaniline	9.46	65	377994	45.880	nq	88
48) Acenaphthylene	9.79	152	1558454	37.446	nq	99
49) Dimethylphthalate	9.64	163	1204619	38.232	nq	100
50) 2,6-Dinitrotoluene	9.70	165	272531	45.463	nq	94
51) Acenaphthene	9.96	154	971844	39.047	nq	100
52) 3-Nitroaniline	9.87	138	341856	46.347	nq	98
53) 2,4-Dinitrophenol	9.97	184	113794	65.167	nq	# 19
54) Dibenzofuran	10.13	168	1315554	37.507	nq	96
55) 4-Nitrophenol	10.03	139	257271	44.333	nq	94
56) 2,4-Dinitrotoluene	10.11	165	359343	44.908	nq	97
57) Fluorene	10.47	166	980916	38.437	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	248048	43.937	nq	99
59) Diethylphthalate	10.34	149	1173304	37.713	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	435962	38.617	nq	100
61) 4-Nitroaniline	10.49	138	333182	47.456	nq	94
62) Azobenzene	10.62	77	1143915	36.805	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	181341	56.973	nq	93
65) n-Nitrosodiphenylamine	10.58	169	945160	37.255	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	282985	37.194	nq	96
67) Hexachlorobenzene	11.02	284	313455	37.345	nq	# 89
68) Atrazine	11.11	200	290682	38.838	nq	98
69) Pentachlorophenol	11.21	266	210747	42.773	nq	100
70) Phenanthrene	11.44	178	1461125	36.476	nq	99
71) Anthracene	11.49	178	1476536	36.241	nq	100
72) Carbazole	11.64	167	1481581	37.119	nq	99
73) Di-n-butylphthalate	11.97	149	1814528	37.424	nq	99
74) Fluoranthene	12.62	202	1480232	36.728	nq	98
76) Benzidine	12.74	184	850368	34.805	nq	98
77) Pyrene	12.86	202	1535007	36.823	nq	99
79) Butylbenzylphthalate	13.46	149	791414	39.868	nq	97
80) Benzo(a)anthracene	14.04	228	1269174	37.962	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	488948	39.444	nq	98
82) Chrysene	14.08	228	1229573	36.484	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1048876	41.074	nq	100
84) Di-n-octyl phthalate	14.63	149	1675604	43.700	nq	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	1103544	39.480	nq	99
87) Benzo(b)fluoranthene	15.09	252	1294096	38.667	nq	97
88) Benzo(k)fluoranthene	15.13	252	1125894	35.208	nq	99
89) Benzo(a)pyrene	15.47	252	1129577	37.496	nq	98
90) Dibenzo(a,h)anthracene	17.04	278	918082	37.547	nq	99
91) Benzo(g,h,i)perylene	17.48	276	890158	37.193	nq	98

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

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