

Data Path : U:\HPCHEM1\BNA_F\DATA\BF020318\
 Data File : BF102714.D
 Acq On : 3 Feb 2018 13:36
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 01:21:28 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 OLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	OIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	187779	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	803608	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	372375	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	651328	20.00	ng	0.00
75) Chrysene-d12	14.04	240	486862	20.00	ng	0.00
86) Perylene-d12	15.51	264	484565	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	903251	73.05	ng	0.00
7) Phenol-d6	6.50	99	1083786	72.80	ng	0.00
23) Nitrobenzene-d5	7.45	82	931401	80.40	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	243327	81.19	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1661815	74.05	ng	0.00
78) Terphenyl-d14	12.99	244	1429459	69.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	224259	36.720	ng	# 85
3) Pyridine	3.42	79	636247	37.708	ng	86
4) n-Nitrosodimethylamine	3.37	42	263213	36.460	ng	94
6) Aniline	6.54	93	801252	36.443	ng	94
8) 2-Chlorophenol	6.66	128	475037	37.318	ng	99
9) Benzaldehyde	6.43	77	410638	37.141	ng	98
10) Phenol	6.51	94	574374	35.999	ng	96
11) bis(2-Chloroethyl)ether	6.61	93	487440	36.714	ng	89
12) 1,3-Dichlorobenzene	6.82	146	543258	36.853	ng	98
13) 1,4-Dichlorobenzene	6.90	146	542980	36.977	ng	99
14) 1,2-Dichlorobenzene	7.05	146	504831	36.911	ng	99
15) Benzyl Alcohol	7.02	79	433924	37.910	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	935694	37.101	ng	95
17) 2-Methylphenol	7.12	107	435907	37.124	ng	99
18) Hexachloroethane	7.39	117	192786	38.286	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	356791	36.348	ng	91
20) 3+4-Methylphenols	7.27	107	543716	37.550	ng	96
22) Acetophenone	7.29	105	704239	35.812	ng	94
24) Nitrobenzene	7.46	77	534619	39.225	ng	98
25) Isophorone	7.70	82	966855	36.246	ng	99
26) 2-Nitrophenol	7.77	139	218499	40.650	ng	98
27) 2,4-Dimethylphenol	7.80	122	424440	37.663	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	577776	36.564	ng	100
29) 2,4-Dichlorophenol	8.01	162	393391	38.400	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	425628	36.725	ng	96
31) Naphthalene	8.19	128	1426676	36.337	ng	100
32) Benzoic acid	7.92	122	306624	41.073	ng	97
33) 4-Chloroaniline	8.23	127	611952	36.180	ng	97
34) Hexachlorobutadiene	8.30	225	218769	36.837	ng	99
35) Caprolactam	8.60	113	139554	39.224	ng	# 77
36) 4-Chloro-3-methylphenol	8.70	107	429464	37.310	ng	98
37) 2-Methylnaphthalene	8.87	142	931270	36.228	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	369104	36.404	ng	98
40) Hexachlorocyclopentadiene	9.03	237	194992	40.455	ng	98
42) 2,4,6-Trichlorophenol	9.15	196	267434	40.157	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	294669	39.257	ng	100

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Internal Standards	R.T.	OIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.34	154	1136568	36.238	ng	99
46) 2-Chloronaphthalene	9.36	162	893249	36.176	ng	99
47) 2-Nitroaniline	9.46	65	299923	39.988	ng	92
48) Acenaphthylene	9.78	152	1398444	36.464	ng	99
49) Dimethylphthalate	9.64	163	1075986	37.058	ng	100
50) 2,6-Dinitrotoluene	9.70	165	227251	41.139	ng	96
51) Acenaphthene	9.95	154	839691	36.612	ng	98
52) 3-Nitroaniline	9.87	138	276097	40.621	ng	96
53) 2,4-Dinitrophenol	9.97	184	55351	44.545	ng	# 19
54) Dibenzofuran	10.12	168	1184135	36.636	ng	97
55) 4-Nitrophenol	10.01	139	208074	39.402	ng	90
56) 2,4-Dinitrotoluene	10.10	165	291118	39.853	ng	95
57) Fluorene	10.47	166	883632	37.575	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	207557	39.897	ng	96
59) Diethylphthalate	10.34	149	1069420	37.302	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	398059	38.264	ng	97
61) 4-Nitroaniline	10.48	138	263131	40.672	ng	97
62) Azobenzene	10.62	77	1046638	36.544	ng	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	108007	41.952	ng	90
65) n-Nitrosodiphenylamine	10.57	169	839113	36.524	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	255084	37.023	ng	96
67) Hexachlorobenzene	11.01	284	277382	36.494	ng	98
68) Atrazine	11.10	200	252083	37.193	ng	98
69) Pentachlorophenol	11.20	266	179695	40.274	ng	97
70) Phenanthrene	11.43	178	1297617	35.772	ng	99
71) Anthracene	11.48	178	1328831	36.017	ng	100
72) Carbazole	11.63	167	1304547	36.092	ng	99
73) Di-n-butylphthalate	11.96	149	1656387	37.725	ng	99
74) Fluoranthene	12.62	202	1321508	36.209	ng	100
76) Benzidine	12.73	184	824305	36.838	ng	96
77) Pyrene	12.84	202	1375515	36.029	ng	100
79) Butylbenzylphthalate	13.46	149	695820	38.314	ng	97
80) Benzo(a)anthracene	14.03	228	1110364	36.264	ng	100
81) 3,3'-Dichlorobenzidine	13.99	252	444513	39.154	ng	98
82) Chrysene	14.07	228	1119756	36.278	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	921978	39.422	ng	99
84) Di-n-octyl phthalate	14.63	149	1479389	42.128	ng	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	1036755	40.499	ng	99
87) Benzo(b)fluoranthene	15.08	252	1104701	35.164	ng	98
88) Benzo(k)fluoranthene	15.11	252	1075952	35.844	ng	99
89) Benzo(a)pyrene	15.45	252	1018945	36.033	ng	98
90) Dibenzo(a,h)anthracene	17.02	278	869196	37.869	ng	99
91) Benzo(a,h,i)perylene	17.44	276	844997	37.613	ng	96

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

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