

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142203.D
 Acq On : 21 Apr 2025 13:06
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Apr 22 02:02:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	635457	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	2294394	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	1295615	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	2221523	20.000	ng	0.00
76) Chrysene-d12	14.033	240	1374564	20.000	ng	0.00
86) Perylene-d12	15.504	264	1455182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2663652	78.588	ng	0.00
7) Phenol-d6	6.492	99	3285846	77.410	ng	0.00
23) Nitrobenzene-d5	7.428	82	2869044	78.532	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	1422526	80.303	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	5705463	71.777	ng	0.00
79) Terphenyl-d14	12.974	244	6078399	74.083	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	526948	38.301	ng	98
3) Pyridine	3.387	79	1208301	40.463	ng	99
4) n-Nitrosodimethylamine	3.334	42	485318	40.026	ng	93
6) Aniline	6.528	93	1556213	39.705	ng	100
8) 2-Chlorophenol	6.651	128	1534286	39.546	ng	100
9) Benzaldehyde	6.416	77	868315	37.259	ng	99
10) Phenol	6.504	94	1758111	39.269	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	1293477	38.311	ng	98
12) 1,3-Dichlorobenzene	6.804	146	1707364	38.835	ng	100
13) 1,4-Dichlorobenzene	6.881	146	1739224	38.571	ng	99
14) 1,2-Dichlorobenzene	7.039	146	1621618	38.658	ng	99
15) Benzyl Alcohol	7.004	79	1232179	39.812	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1267874	38.742	ng	99
17) 2-Methylphenol	7.116	107	1147379	39.294	ng	99
18) Hexachloroethane	7.375	117	591303	38.601	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	905661	37.731	ng	99
20) 3+4-Methylphenols	7.269	107	1437999	39.597	ng	99
22) Acetophenone	7.275	105	1960556	38.929	ng	99
24) Nitrobenzene	7.451	77	1451066	40.092	ng	98
25) Isophorone	7.686	82	2400402	39.142	ng	99
26) 2-Nitrophenol	7.763	139	788228	41.431	ng	100
27) 2,4-Dimethylphenol	7.798	122	996931	40.301	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	1581641	39.297	ng	99
29) 2,4-Dichlorophenol	8.004	162	1353064	40.217	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	1542491	39.205	ng	100
31) Naphthalene	8.169	128	4207666	38.822	ng	99
32) Benzoic acid	7.916	122	828761	37.930	ng	100
33) 4-Chloroaniline	8.222	127	1557576	39.689	ng	99
34) Hexachlorobutadiene	8.286	225	1029313	39.643	ng	99
35) Caprolactam	8.586	113	360269	40.141	ng	97
36) 4-Chloro-3-methylphenol	8.692	107	1347101	39.776	ng	100
37) 2-Methylnaphthalene	8.857	142	2946088	39.331	ng	98
38) 1-Methylnaphthalene	8.957	142	2811742	38.769	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	1659315	39.142	ng	100
41) Hexachlorocyclopentadiene	9.010	237	585721	45.058	ng	100
43) 2,4,6-Trichlorophenol	9.133	196	1007035	40.689	ng	99

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44) 2,4,5-Trichlorophenol	9.175	196	1062965	40.068	ng	99
46) 1,1'-Biphenyl	9.322	154	3616786	38.930	ng	99
47) 2-Chloronaphthalene	9.351	162	2802498	38.862	ng	100
48) 2-Nitroaniline	9.445	65	684114	40.471	ng	99
49) Acenaphthylene	9.763	152	3965503	38.904	ng	100
50) Dimethylphthalate	9.622	163	3239810	39.001	ng	100
51) 2,6-Dinitrotoluene	9.686	165	754757	40.469	ng	99
52) Acenaphthene	9.939	154	2848926	38.786	ng	100
53) 3-Nitroaniline	9.857	138	736247	41.200	ng	96
54) 2,4-Dinitrophenol	9.963	184	370041	40.510	ng	99
55) Dibenzofuran	10.110	168	4018334	39.022	ng	100
56) 4-Nitrophenol	10.010	139	530978	40.619	ng	99
57) 2,4-Dinitrotoluene	10.092	165	975394	40.492	ng	99
58) Fluorene	10.451	166	3076168	38.617	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	952752	40.171	ng	98
60) Diethylphthalate	10.322	149	3077037	39.668	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	1713906	39.076	ng	98
62) 4-Nitroaniline	10.469	138	696382	40.998	ng	99
63) Azobenzene	10.604	77	2637253	39.045	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	521613	40.225	ng	99
66) n-Nitrosodiphenylamine	10.563	169	2640166	38.777	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	1152524	39.449	ng	100
68) Hexachlorobenzene	10.998	284	1349597	38.818	ng	99
69) Atrazine	11.080	200	448269	26.979	ng	98
70) Pentachlorophenol	11.192	266	752259	42.413	ng	99
71) Phenanthrene	11.416	178	4230167	38.345	ng	99
72) Anthracene	11.469	178	4294384	38.932	ng	99
73) Carbazole	11.621	167	3750464	38.919	ng	99
74) Di-n-butylphthalate	11.951	149	4038212	40.487	ng	100
75) Fluoranthene	12.604	202	4404230	38.407	ng	99
77) Benzidine	12.727	184	1059498	59.729	ng	98
78) Pyrene	12.833	202	4377433	40.097	ng	99
80) Butylbenzylphthalate	13.445	149	1105260	41.827	ng	99
81) Benzo(a)anthracene	14.021	228	3317529	39.848	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	1016522	41.002	ng	99
83) Chrysene	14.057	228	3115824	38.844	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	1482517	41.938	ng	100
85) Di-n-octyl phthalate	14.621	149	2566555	40.992	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	4089436	40.054	ng	98
88) Benzo(b)fluoranthene	15.074	252	3301583	40.441	ng	100
89) Benzo(k)fluoranthene	15.098	252	3071257	38.037	ng	100
90) Benzo(a)pyrene	15.439	252	2881593	39.440	ng	100
91) Dibenzo(a,h)anthracene	17.009	278	3387132	40.669	ng	98
92) Benzo(g,h,i)perylene	17.439	276	3502048	40.371	ng	99

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

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