

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022825\
 Data File : BF141804.D
 Acq On : 28 Feb 2025 10:03
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 28 11:12:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	307952	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1208868	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	650148	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1053744	20.000	ng	0.00
76) Chrysene-d12	14.051	240	667542	20.000	ng	0.00
86) Perylene-d12	15.521	264	556281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1512849	78.454	ng	0.00
7) Phenol-d6	6.504	99	1950021	77.693	ng	0.00
23) Nitrobenzene-d5	7.451	82	1710466	90.443	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	510988	83.718	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3186940	78.599	ng	0.00
79) Terphenyl-d14	12.998	244	3238464	78.491	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	349944	39.995	ng	99
3) Pyridine	3.440	79	883844	40.599	ng	100
4) n-Nitrosodimethylamine	3.387	42	425784	40.648	ng	98
6) Aniline	6.551	93	1039069	39.821	ng	99
8) 2-Chlorophenol	6.675	128	817490	39.189	ng	98
9) Benzaldehyde	6.439	77	489328	33.517	ng	99
10) Phenol	6.522	94	1049418	39.128	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	805828	39.416	ng	100
12) 1,3-Dichlorobenzene	6.828	146	877251	39.269	ng	99
13) 1,4-Dichlorobenzene	6.904	146	875829	38.910	ng	99
14) 1,2-Dichlorobenzene	7.057	146	818172	38.926	ng	100
15) Benzyl Alcohol	7.022	79	782748	39.022	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1230348	39.627	ng	100
17) 2-Methylphenol	7.128	107	683265	39.682	ng	99
18) Hexachloroethane	7.404	117	337185	40.023	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	645284	39.110	ng	99
20) 3+4-Methylphenols	7.286	107	841597	39.253	ng	91
22) Acetophenone	7.298	105	1158942	39.363	ng	97
24) Nitrobenzene	7.469	77	900617	44.470	ng	99
25) Isophorone	7.710	82	1610906	39.648	ng	100
26) 2-Nitrophenol	7.781	139	380793	42.651	ng	98
27) 2,4-Dimethylphenol	7.816	122	599708	40.154	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1026184	39.593	ng	99
29) 2,4-Dichlorophenol	8.022	162	703360	40.822	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	762088	40.364	ng	99
31) Naphthalene	8.192	128	2459447	39.585	ng	99
32) Benzoic acid	7.928	122	507824	41.902	ng	99
33) 4-Chloroaniline	8.239	127	901464	39.571	ng	100
34) Hexachlorobutadiene	8.310	225	473403	40.350	ng	98
35) Caprolactam	8.610	113	218776	41.275	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	769804	40.219	ng	99
37) 2-Methylnaphthalene	8.880	142	1607980	39.457	ng	100
38) 1-Methylnaphthalene	8.980	142	1555539	39.781	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	752182	40.059	ng	100
41) Hexachlorocyclopentadiene	9.033	237	322408	41.144	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	530364	43.726	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	481985	40.130	ng	98
46) 1,1'-Biphenyl	9.345	154	1985558	40.123	ng	99
47) 2-Chloronaphthalene	9.369	162	1475274	40.391	ng	100
48) 2-Nitroaniline	9.463	65	427470	43.230	ng	98
49) Acenaphthylene	9.786	152	2188712	39.968	ng	99
50) Dimethylphthalate	9.651	163	1739977	39.964	ng	100
51) 2,6-Dinitrotoluene	9.704	165	360558	43.567	ng	99
52) Acenaphthene	9.963	154	1490686	40.342	ng	99
53) 3-Nitroaniline	9.875	138	378205	42.961	ng	99
54) 2,4-Dinitrophenol	9.975	184	134535	43.298	ng	# 54
55) Dibenzofuran	10.133	168	2121407	39.445	ng	100
56) 4-Nitrophenol	10.022	139	298837	46.472	ng	99
57) 2,4-Dinitrotoluene	10.110	165	449985	44.508	ng	96
58) Fluorene	10.474	166	1571475	39.008	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	438402	41.969	ng	100
60) Diethylphthalate	10.345	149	1759347	40.308	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	792536	39.265	ng	100
62) 4-Nitroaniline	10.486	138	359342	48.328	ng	98
63) Azobenzene	10.627	77	1833964	39.906	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	210693	43.398	ng	97
66) n-Nitrosodiphenylamine	10.586	169	1386416	40.068	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	504470	40.987	ng	99
68) Hexachlorobenzene	11.022	284	523795	40.301	ng	100
69) Atrazine	11.110	200	389837	40.970	ng	99
70) Pentachlorophenol	11.210	266	348023	42.219	ng	99
71) Phenanthrene	11.439	178	2239614	39.734	ng	100
72) Anthracene	11.486	178	2266984	40.131	ng	100
73) Carbazole	11.639	167	1998599	40.064	ng	100
74) Di-n-butylphthalate	11.974	149	2558814	40.466	ng	100
75) Fluoranthene	12.621	202	2304411	39.900	ng	100
77) Benzidine	12.739	184	619427	73.724	ng	99
78) Pyrene	12.851	202	2306631	39.904	ng	100
80) Butylbenzylphthalate	13.474	149	865900	41.230	ng	98
81) Benzo(a)anthracene	14.039	228	1682769	38.165	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	481744	38.082	ng	99
83) Chrysene	14.074	228	1577279	38.806	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	1093145	41.802	ng	98
85) Di-n-octyl phthalate	14.645	149	1604218	40.976	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	1451648	40.981	ng	100
88) Benzo(b)fluoranthene	15.092	252	1493053	39.402	ng	100
89) Benzo(k)fluoranthene	15.121	252	1307888	40.609	ng	99
90) Benzo(a)pyrene	15.457	252	1225401	40.324	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	1195240	41.338	ng	100
92) Benzo(g,h,i)perylene	17.462	276	1191181	40.214	ng	99

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

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