

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
 Data File : BF142009.D
 Acq On : 20 Mar 2025 14:02
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 20 14:29:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	174210	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	633841	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	375978	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	609487	20.000	ng	0.00
76) Chrysene-d12	14.033	240	331845	20.000	ng	0.00
86) Perylene-d12	15.510	264	344730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	795214	76.183	ng	0.00
7) Phenol-d6	6.498	99	1014391	76.326	ng	0.00
23) Nitrobenzene-d5	7.439	82	915643	81.296	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	377366	79.116	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1837503	74.326	ng	0.00
79) Terphenyl-d14	12.980	244	1789122	79.710	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	160123	36.611	ng	98
3) Pyridine	3.410	79	384482	35.838	ng	97
4) n-Nitrosodimethylamine	3.357	42	177575	34.723	ng	95
6) Aniline	6.540	93	480355	36.638	ng	100
8) 2-Chlorophenol	6.663	128	435663	37.632	ng	98
9) Benzaldehyde	6.428	77	315524	42.450	ng	98
10) Phenol	6.516	94	533236	38.138	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	379953	36.191	ng	98
12) 1,3-Dichlorobenzene	6.816	146	473338	37.872	ng	99
13) 1,4-Dichlorobenzene	6.892	146	480574	38.003	ng	100
14) 1,2-Dichlorobenzene	7.045	146	466145	39.136	ng	98
15) Benzyl Alcohol	7.016	79	408131	37.986	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	432470	34.121	ng	99
17) 2-Methylphenol	7.122	107	344734	37.452	ng	99
18) Hexachloroethane	7.387	117	179227	37.795	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	288850	33.824	ng	99
20) 3+4-Methylphenols	7.275	107	421715	35.769	ng	95
22) Acetophenone	7.287	105	591476	38.967	ng	98
24) Nitrobenzene	7.457	77	448799	40.083	ng	98
25) Isophorone	7.692	82	747664	37.553	ng	100
26) 2-Nitrophenol	7.769	139	242510	44.129	ng	99
27) 2,4-Dimethylphenol	7.804	122	306578	40.515	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	457533	36.640	ng	99
29) 2,4-Dichlorophenol	8.010	162	367037	39.078	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	406473	39.270	ng	100
31) Naphthalene	8.181	128	1252345	38.463	ng	100
32) Benzoic acid	7.916	122	283781	42.663	ng	97
33) 4-Chloroaniline	8.228	127	423218	36.821	ng	98
34) Hexachlorobutadiene	8.292	225	271225	40.180	ng	99
35) Caprolactam	8.592	113	104858	36.619	ng	94
36) 4-Chloro-3-methylphenol	8.704	107	403914	38.551	ng	98
37) 2-Methylnaphthalene	8.869	142	841947	38.687	ng	100
38) 1-Methylnaphthalene	8.969	142	810126	38.575	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	437016	38.177	ng	99
41) Hexachlorocyclopentadiene	9.022	237	161809	36.119	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	278255	37.195	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	289627	38.225	ng	100
46) 1,1'-Biphenyl	9.334	154	1070585	37.476	ng	99
47) 2-Chloronaphthalene	9.357	162	802605	37.694	ng	99
48) 2-Nitroaniline	9.451	65	228580	37.076	ng	97
49) Acenaphthylene	9.775	152	1193309	37.766	ng	100
50) Dimethylphthalate	9.633	163	982363	37.311	ng	100
51) 2,6-Dinitrotoluene	9.692	165	213128	38.878	ng	95
52) Acenaphthene	9.945	154	845469	38.075	ng	100
53) 3-Nitroaniline	9.863	138	201338	36.207	ng	98
54) 2,4-Dinitrophenol	9.969	184	112821	39.819	ng	# 49
55) Dibenzofuran	10.116	168	1152309	36.318	ng	99
56) 4-Nitrophenol	10.016	139	153977	36.718	ng	96
57) 2,4-Dinitrotoluene	10.098	165	271777	37.958	ng	96
58) Fluorene	10.463	166	885580	36.193	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	257552	37.355	ng	97
60) Diethylphthalate	10.328	149	920670	35.069	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	464099	36.381	ng	98
62) 4-Nitroaniline	10.475	138	186354	34.423	ng	98
63) Azobenzene	10.610	77	857824	35.145	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	155006	42.661	ng	96
66) n-Nitrosodiphenylamine	10.569	169	756211	38.341	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	302413	39.508	ng	99
68) Hexachlorobenzene	11.010	284	340629	40.574	ng	94
69) Atrazine	11.092	200	208608	34.501	ng	99
70) Pentachlorophenol	11.198	266	213029	41.185	ng	99
71) Phenanthrene	11.422	178	1276201	38.766	ng	99
72) Anthracene	11.475	178	1284752	38.899	ng	100
73) Carbazole	11.627	167	1038646	36.465	ng	100
74) Di-n-butylphthalate	11.957	149	1315289	34.801	ng	99
75) Fluoranthene	12.610	202	1165163	33.366	ng	99
77) Benzidine	12.727	184	195903	42.313	ng	99
78) Pyrene	12.839	202	1162798	40.509	ng	99
80) Butylbenzylphthalate	13.457	149	433441	38.579	ng	96
81) Benzo(a)anthracene	14.027	228	865480	39.745	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	256321	40.732	ng	99
83) Chrysene	14.063	228	753628	38.180	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	591083	38.157	ng	99
85) Di-n-octyl phthalate	14.627	149	896460	41.591	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	723801	32.457	ng	97
88) Benzo(b)fluoranthene	15.074	252	854447	36.165	ng	100
89) Benzo(k)fluoranthene	15.104	252	687007	33.979	ng	100
90) Benzo(a)pyrene	15.445	252	693901	37.535	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	588175	31.967	ng	98
92) Benzo(g,h,i)perylene	17.445	276	591084	32.509	ng	98

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

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