

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142384.D
 Acq On : 15 May 2025 10:08
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 15 10:43:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	167469	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	652293	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	352544	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	609842	20.000	ng	0.00
76) Chrysene-d12	14.068	240	307770	20.000	ng	0.00
86) Perylene-d12	15.556	264	334801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	793699	80.905	ng	0.00
7) Phenol-d6	6.528	99	973163	80.654	ng	0.00
23) Nitrobenzene-d5	7.469	82	945883	88.437	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	321545	94.468	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1880482	76.057	ng	0.00
79) Terphenyl-d14	13.015	244	1718750	82.657	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	165382	37.436	ng	98
3) Pyridine	3.445	79	423152	40.797	ng	99
4) n-Nitrosodimethylamine	3.398	42	227064	37.667	ng	97
6) Aniline	6.563	93	627828	53.049	ng	100
8) 2-Chlorophenol	6.686	128	449181	42.847	ng	98
9) Benzaldehyde	6.451	77	264659	37.477	ng	99
10) Phenol	6.539	94	564949	44.171	ng	97
11) bis(2-Chloroethyl)ether	6.639	93	403831	32.018	ng	97
12) 1,3-Dichlorobenzene	6.845	146	477678	39.828	ng	99
13) 1,4-Dichlorobenzene	6.922	146	479424	39.812	ng	99
14) 1,2-Dichlorobenzene	7.075	146	459174	39.725	ng	99
15) Benzyl Alcohol	7.039	79	350796	44.898	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	699875	37.159	ng	100
17) 2-Methylphenol	7.151	107	341529	40.240	ng	100
18) Hexachloroethane	7.416	117	166684	41.602	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	297251	39.827	ng	98
20) 3+4-Methylphenols	7.304	107	428978	40.498	ng	96
22) Acetophenone	7.316	105	563832	38.876	ng	99
24) Nitrobenzene	7.486	77	428681	42.519	ng	96
25) Isophorone	7.728	82	797707	39.386	ng	99
26) 2-Nitrophenol	7.798	139	234213	48.180	ng	98
27) 2,4-Dimethylphenol	7.833	122	413214	40.579	ng	100
28) bis(2-Chloroethoxy)met...	7.933	93	491833	37.765	ng	100
29) 2,4-Dichlorophenol	8.039	162	367794	42.484	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	397960	40.845	ng	99
31) Naphthalene	8.210	128	1241567	39.273	ng	100
32) Benzoic acid	7.945	122	262715	48.080	ng	98
33) 4-Chloroaniline	8.257	127	515092m	39.930	ng	
34) Hexachlorobutadiene	8.328	225	235169	40.762	ng	99
35) Caprolactam	8.622	113	110904	43.955	ng	96
36) 4-Chloro-3-methylphenol	8.727	107	388839	43.207	ng	98
37) 2-Methylnaphthalene	8.898	142	779778	39.695	ng	99
38) 1-Methylnaphthalene	8.998	142	807941	39.461	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	396248	40.244	ng	99
41) Hexachlorocyclopentadiene	9.051	237	275586	45.288	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	277366	44.660	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	284606	43.069	ng	99
46) 1,1'-Biphenyl	9.363	154	1054716	39.019	ng	99
47) 2-Chloronaphthalene	9.386	162	793640	39.480	ng	99
48) 2-Nitroaniline	9.480	65	242020	46.970	ng	93
49) Acenaphthylene	9.804	152	1330203	39.556	ng	100
50) Dimethylphthalate	9.663	163	920024	40.641	ng	99
51) 2,6-Dinitrotoluene	9.722	165	202470	47.782	ng	92
52) Acenaphthene	9.974	154	823139	40.709	ng	100
53) 3-Nitroaniline	9.892	138	231519	46.586	ng	93
54) 2,4-Dinitrophenol	9.992	184	109406	52.287	ng #	31
55) Dibenzofuran	10.145	168	1177533	39.460	ng	99
56) 4-Nitrophenol	10.039	139	190242	50.863	ng	98
57) 2,4-Dinitrotoluene	10.122	165	272568	50.147	ng	96
58) Fluorene	10.492	166	887188	38.957	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	246742	45.231	ng	98
60) Diethylphthalate	10.363	149	894154	39.551	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	442251	40.251	ng	99
62) 4-Nitroaniline	10.504	138	190827	48.448	ng	99
63) Azobenzene	10.639	77	829169	38.382	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	143343	50.061	ng	92
66) n-Nitrosodiphenylamine	10.598	169	795348	39.193	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	278763	40.333	ng	96
68) Hexachlorobenzene	11.039	284	308205	40.540	ng	96
69) Atrazine	11.121	200	220173	41.159	ng	100
70) Pentachlorophenol	11.227	266	196607	49.158	ng	98
71) Phenanthrene	11.451	178	1232846	38.567	ng	100
72) Anthracene	11.504	178	1276652	38.868	ng	100
73) Carbazole	11.657	167	1120621	38.029	ng	99
74) Di-n-butylphthalate	11.986	149	1222117	39.441	ng	100
75) Fluoranthene	12.639	202	1178524	36.881	ng	99
77) Benzidine	12.763	184	338767	60.569	ng	98
78) Pyrene	12.868	202	1163491	42.472	ng	99
80) Butylbenzylphthalate	13.486	149	341169	43.080	ng	98
81) Benzo(a)anthracene	14.057	228	787940	39.532	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	250112	53.961	ng	98
83) Chrysene	14.092	228	718046	38.699	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	466640	45.102	ng	99
85) Di-n-octyl phthalate	14.662	149	874781	46.831	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	977143	41.956	ng	99
88) Benzo(b)fluoranthene	15.115	252	790611	38.990	ng	99
89) Benzo(k)fluoranthene	15.151	252	705674	38.028	ng	100
90) Benzo(a)pyrene	15.492	252	744294	40.961	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	791409	41.131	ng	98
92) Benzo(g,h,i)perylene	17.521	276	776651	40.669	ng	97

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

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