

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142416.D
 Acq On : 16 May 2025 09:45
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/19/2025
 Supervised By :Jagrut Upadhyay 05/19/2025

Quant Time: May 16 12:03:04 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	162723	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	631476	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	337294	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	570778	20.000	ng	0.00
76) Chrysene-d12	14.068	240	303020	20.000	ng	0.00
86) Perylene-d12	15.562	264	328347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	800894	84.019	ng	0.00
7) Phenol-d6	6.528	99	964001	82.225	ng	0.00
23) Nitrobenzene-d5	7.469	82	933852	90.190	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	311607	95.687	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1850807	78.241	ng	0.00
79) Terphenyl-d14	13.016	244	1712670	83.656	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	167228	38.958	ng	98
3) Pyridine	3.451	79	433306	42.995	ng	97
4) n-Nitrosodimethylamine	3.410	42	226458	38.662	ng	96
6) Aniline	6.569	93	651505	56.655	ng	99
8) 2-Chlorophenol	6.687	128	435332	42.737	ng	98
9) Benzaldehyde	6.457	77	268654	39.152	ng	98
10) Phenol	6.545	94	543308	43.718	ng	95
11) bis(2-Chloroethyl)ether	6.640	93	402254	32.823	ng	97
12) 1,3-Dichlorobenzene	6.845	146	479225	41.122	ng	98
13) 1,4-Dichlorobenzene	6.922	146	485871	41.525	ng	99
14) 1,2-Dichlorobenzene	7.075	146	462973	41.222	ng	100
15) Benzyl Alcohol	7.045	79	354637	46.714	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	689494	37.675	ng	99
17) 2-Methylphenol	7.151	107	343026	41.595	ng	99
18) Hexachloroethane	7.422	117	166147	42.677	ng	96
19) n-Nitroso-di-n-propyla...	7.316	70	289680	39.945	ng	98
20) 3+4-Methylphenols	7.304	107	423880	41.184	ng	98
22) Acetophenone	7.316	105	554950	39.525	ng	99
24) Nitrobenzene	7.487	77	430088	44.065	ng	98
25) Isophorone	7.728	82	791472	40.366	ng	100
26) 2-Nitrophenol	7.804	139	233915	49.575	ng	98
27) 2,4-Dimethylphenol	7.839	122	406161	41.201	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	494120	39.192	ng	100
29) 2,4-Dichlorophenol	8.045	162	367177	43.810	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	395686	41.951	ng	99
31) Naphthalene	8.210	128	1242399	40.595	ng	100
32) Benzoic acid	7.945	122	260687	48.994	ng	99
33) 4-Chloroaniline	8.257	127	508757m	40.739	ng	
34) Hexachlorobutadiene	8.328	225	237031	42.439	ng	100
35) Caprolactam	8.628	113	113639	46.524	ng	90
36) 4-Chloro-3-methylphenol	8.734	107	368220	42.265	ng	100
37) 2-Methylnaphthalene	8.898	142	768002	40.384	ng	98
38) 1-Methylnaphthalene	8.998	142	794187	40.068	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	391966	41.609	ng	99
41) Hexachlorocyclopentadiene	9.051	237	268786	46.168	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	268152	45.128	ng	100

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44) 2,4,5-Trichlorophenol	9.216	196	285134	45.099	ng	98
46) 1,1'-Biphenyl	9.363	154	1036263	40.069	ng	99
47) 2-Chloronaphthalene	9.392	162	774298	40.259	ng	99
48) 2-Nitroaniline	9.481	65	237183	48.113	ng	95
49) Acenaphthylene	9.804	152	1294254	40.227	ng	100
50) Dimethylphthalate	9.663	163	887169	40.962	ng	100
51) 2,6-Dinitrotoluene	9.728	165	198007	48.841	ng	87
52) Acenaphthene	9.980	154	797863	41.243	ng	99
53) 3-Nitroaniline	9.892	138	229060	48.176	ng	94
54) 2,4-Dinitrophenol	9.998	184	109701	54.430	ng	# 1
55) Dibenzofuran	10.151	168	1145993	40.139	ng	100
56) 4-Nitrophenol	10.045	139	170351	47.604	ng	98
57) 2,4-Dinitrotoluene	10.128	165	266504	51.248	ng	93
58) Fluorene	10.492	166	880942	40.431	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	235417	45.106	ng	99
60) Diethylphthalate	10.363	149	872157	40.323	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	433713	41.259	ng	100
62) 4-Nitroaniline	10.504	138	194748	51.679	ng	99
63) Azobenzene	10.645	77	800406	38.726	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	143196	52.948	ng	96
66) n-Nitrosodiphenylamine	10.604	169	778512	40.989	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	274725	42.469	ng	96
68) Hexachlorobenzene	11.039	284	302260	42.479	ng	96
69) Atrazine	11.127	200	222826	44.506	ng	99
70) Pentachlorophenol	11.233	266	185414	49.532	ng	97
71) Phenanthrene	11.457	178	1200234	40.116	ng	100
72) Anthracene	11.504	178	1234268	40.150	ng	100
73) Carbazole	11.657	167	1106838	40.132	ng	100
74) Di-n-butylphthalate	11.986	149	1219634	42.054	ng	100
75) Fluoranthene	12.645	202	1164128	38.924	ng	98
77) Benzidine	12.763	184	384903	69.897	ng	98
78) Pyrene	12.874	202	1151373	42.688	ng	99
80) Butylbenzylphthalate	13.486	149	342957	43.908	ng	99
81) Benzo(a)anthracene	14.057	228	839758	42.793	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	263327	57.703	ng	98
83) Chrysene	14.098	228	728623	39.884	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	467767	45.843	ng	100
85) Di-n-octyl phthalate	14.663	149	868754	47.169	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	986914	43.208	ng	98
88) Benzo(b)fluoranthene	15.121	252	843448	42.413	ng	99
89) Benzo(k)fluoranthene	15.151	252	675230	37.103	ng	100
90) Benzo(a)pyrene	15.498	252	755410	42.390	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	809037	42.874	ng	98
92) Benzo(g,h,i)perylene	17.533	276	793782	42.383	ng	97

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

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