

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051225\
 Data File : BP024607.D
 Acq On : 12 May 2025 18:02
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Quant Time: May 13 02:54:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 02:51:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	129960	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	557757	20.00	ng	0.00
39) Acenaphthene-d10	14.298	164	360074	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	691178	20.00	ng	0.00
76) Chrysene-d12	21.510	240	794874	20.00	ng	0.00
86) Perylene-d12	24.792	264	931089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	603278	82.02	ng	0.00
7) Phenol-d6	6.858	99	803210	83.03	ng	0.00
23) Nitrobenzene-d5	8.811	82	780431	80.42	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	472646	80.09	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	1895261	78.73	ng	0.00
79) Terphenyl-d14	19.816	244	3175783	78.22	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	129658	39.73	ng	100
3) Pyridine	3.623	79	320359	41.96	ng	100
4) n-Nitrosodimethylamine	3.534	42	135170	40.25	ng	100
6) Aniline	7.005	93	364556	42.01	ng	100
8) 2-Chlorophenol	7.240	128	344553	40.70	ng	100
9) Benzaldehyde	6.822	77	220204	41.17	ng	100
10) Phenol	6.881	94	395293	41.03	ng	100
11) bis(2-Chloroethyl)ether	7.099	93	314739	40.23	ng	100
12) 1,3-Dichlorobenzene	7.558	146	373669	40.11	ng	100
13) 1,4-Dichlorobenzene	7.699	146	382740	40.34	ng	100
14) 1,2-Dichlorobenzene	8.011	146	364866	39.74	ng	100
15) Benzyl Alcohol	7.911	79	283730	42.55	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.193	45	361045	40.24	ng	100
17) 2-Methylphenol	8.111	107	275615	41.60	ng	100
18) Hexachloroethane	8.728	117	143719	39.93	ng	100
19) n-Nitroso-di-n-propyla...	8.463	70	264220	40.95	ng	100
20) 3+4-Methylphenols	8.440	107	380130	41.68	ng	100
22) Acetophenone	8.481	105	531996	39.83	ng	100
24) Nitrobenzene	8.858	77	379268	40.28	ng	100
25) Isophorone	9.375	82	683947	40.21	ng	100
26) 2-Nitrophenol	9.558	139	197862	41.08	ng	100
27) 2,4-Dimethylphenol	9.622	122	234737	40.39	ng	100
28) bis(2-Chloroethoxy)met...	9.852	93	439343	39.76	ng	100
29) 2,4-Dichlorophenol	10.099	162	332320	41.29	ng	100
30) 1,2,4-Trichlorobenzene	10.299	180	349634	39.05	ng	100
31) Naphthalene	10.487	128	1140833	39.22	ng	100
32) Benzoic acid	9.781	122	223803m	37.44	ng	
33) 4-Chloroaniline	10.599	127	408302	41.66	ng	100
34) Hexachlorobutadiene	10.763	225	226675	39.26	ng	100
35) Caprolactam	11.393	113	115955	41.25	ng	100
36) 4-Chloro-3-methylphenol	11.734	107	395988	40.20	ng	100
37) 2-Methylnaphthalene	12.093	142	804444	39.46	ng	100
38) 1-Methylnaphthalene	12.316	142	794117	39.41	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	399037	39.71	ng	100
41) Hexachlorocyclopentadiene	12.446	237	142847	43.36	ng	100
43) 2,4,6-Trichlorophenol	12.716	196	276279	40.90	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	305779	40.67	ng	100
46) 1,1'-Biphenyl	13.116	154	1031646	39.86	ng	100
47) 2-Chloronaphthalene	13.163	162	774917	39.43	ng	100
48) 2-Nitroaniline	13.369	65	237816	41.30	ng	100
49) Acenaphthylene	14.016	152	1224191	39.86	ng	100
50) Dimethylphthalate	13.757	163	1056124	39.33	ng	100
51) 2,6-Dinitrotoluene	13.875	165	232062	40.49	ng	100
52) Acenaphthene	14.363	154	775244	39.63	ng	100
53) 3-Nitroaniline	14.216	138	230322	41.67	ng	100
54) 2,4-Dinitrophenol	14.428	184	128810	38.26	ng	100
55) Dibenzofuran	14.704	168	1255875	39.41	ng	100
56) 4-Nitrophenol	14.551	139	187920	41.34	ng	100
57) 2,4-Dinitrotoluene	14.675	165	324811	41.13	ng	100
58) Fluorene	15.369	166	977256	39.49	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.940	232	283337	39.96	ng	100
60) Diethylphthalate	15.140	149	1093239	39.30	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	486916	39.00	ng	100
62) 4-Nitroaniline	15.398	138	230174	41.92	ng	100
63) Azobenzene	15.657	77	939298	39.59	ng	100
65) 4,6-Dinitro-2-methylph...	15.463	198	182979	43.13	ng	100
66) n-Nitrosodiphenylamine	15.575	169	836793	40.49	ng	100
67) 4-Bromophenyl-phenylether	16.269	248	328311	40.19	ng	100
68) Hexachlorobenzene	16.392	284	397150	39.05	ng	100
69) Atrazine	16.557	200	281404	40.38	ng	100
70) Pentachlorophenol	16.745	266	269285	41.18	ng	100
71) Phenanthrene	17.134	178	1481602	39.75	ng	100
72) Anthracene	17.234	178	1456070	39.98	ng	100
73) Carbazole	17.516	167	1405566	41.15	ng	100
74) Di-n-butylphthalate	18.104	149	1866398	40.62	ng	100
75) Fluoranthene	19.222	202	1832128	40.32	ng	100
77) Benzidine	19.433	184	433911m	46.88	ng	
78) Pyrene	19.598	202	1903608	39.58	ng	100
80) Butylbenzylphthalate	20.545	149	883118	41.17	ng	100
81) Benzo(a)anthracene	21.492	228	1912294	39.51	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	501312	43.33	ng	100
83) Chrysene	21.563	228	1844776	39.34	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1272077	40.41	ng	100
85) Di-n-octyl phthalate	22.686	149	2172128	41.61	ng	100
87) Indeno(1,2,3-cd)pyrene	28.504	276	2581709	40.57	ng	100
88) Benzo(b)fluoranthene	23.757	252	2152243	40.05	ng	100
89) Benzo(k)fluoranthene	23.833	252	2133601	40.24	ng	100
90) Benzo(a)pyrene	24.645	252	1881312	40.44	ng	100
91) Dibenzo(a,h)anthracene	28.580	278	2137147	40.94	ng	100
92) Benzo(g,h,i)perylene	29.668	276	2178946	40.40	ng	100

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

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