

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024620.D
 Acq On : 13 May 2025 14:45
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: May 13 16:08:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	106955	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	484921	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	325327	20.00	ng	-0.01
64) Phenanthrene-d10	17.086	188	646756	20.00	ng	-0.01
76) Chrysene-d12	21.521	240	726281	20.00	ng	0.00
86) Perylene-d12	24.810	264	822943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	784577	125.47	ng	0.00
7) Phenol-d6	6.858	99	1039562	130.26	ng	0.00
23) Nitrobenzene-d5	8.816	82	1188192	123.80	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	696428	126.27	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	2956939	119.08	ng	0.00
79) Terphenyl-d14	19.822	244	5119872	120.88	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	170174	57.95	ng	99
3) Pyridine	3.617	79	419426	64.42	ng	98
4) n-Nitrosodimethylamine	3.528	42	178836	62.22	ng	99
6) Aniline	7.005	93	670773	65.10	ng	100
8) 2-Chlorophenol	7.240	128	459952	64.79	ng	99
9) Benzaldehyde	6.816	77	305987	59.33	ng	98
10) Phenol	6.881	94	535743	65.04	ng	99
11) bis(2-Chloroethyl)ether	7.099	93	416957	61.60	ng	99
12) 1,3-Dichlorobenzene	7.552	146	496139	60.75	ng	99
13) 1,4-Dichlorobenzene	7.699	146	502743	61.20	ng	99
14) 1,2-Dichlorobenzene	8.010	146	490458	61.27	ng	99
15) Benzyl Alcohol	7.910	79	413146	68.12	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	501972	61.93	ng	98
17) 2-Methylphenol	8.110	107	389272	65.89	ng	98
18) Hexachloroethane	8.728	117	191530	60.85	ng	97
19) n-Nitroso-di-n-propyla...	8.463	70	363059	65.76	ng	99
20) 3+4-Methylphenols	8.434	107	543003	67.57	ng	99
22) Acetophenone	8.481	105	744359	61.45	ng	# 98
24) Nitrobenzene	8.857	77	518098	61.34	ng	97
25) Isophorone	9.381	82	1048461	62.98	ng	99
26) 2-Nitrophenol	9.557	139	278764	67.36	ng	99
27) 2,4-Dimethylphenol	9.622	122	462148	63.34	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	610221	61.35	ng	99
29) 2,4-Dichlorophenol	10.093	162	459806	65.03	ng	98
30) 1,2,4-Trichlorobenzene	10.299	180	478505	60.05	ng	97
31) Naphthalene	10.487	128	1508460	60.03	ng	100
32) Benzoic acid	9.799	122	319375	60.53	ng	99
33) 4-Chloroaniline	10.599	127	671888	66.26	ng	99
34) Hexachlorobutadiene	10.769	225	303458	58.79	ng	98
35) Caprolactam	11.404	113	175653	68.70	ng	97
36) 4-Chloro-3-methylphenol	11.740	107	559138	64.84	ng	100
37) 2-Methylnaphthalene	12.098	142	1008171	61.96	ng	99
38) 1-Methylnaphthalene	12.316	142	1066290	61.25	ng	99
40) 1,2,4,5-Tetrachloroben...	12.469	216	566530	59.97	ng	100
41) Hexachlorocyclopentadiene	12.445	237	381621	66.62	ng	97
43) 2,4,6-Trichlorophenol	12.716	196	400552	65.46	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	436361	64.06	ng	99
46) 1,1'-Biphenyl	13.122	154	1437786	59.80	ng	100
47) 2-Chloronaphthalene	13.163	162	1105298	60.29	ng	100
48) 2-Nitroaniline	13.369	65	354977	65.40	ng	98
49) Acenaphthylene	14.016	152	1884018	61.41	ng	100
50) Dimethylphthalate	13.757	163	1498318	60.42	ng	100
51) 2,6-Dinitrotoluene	13.875	165	328682	62.76	ng	99
52) Acenaphthene	14.363	154	1072483	60.80	ng	100
53) 3-Nitroaniline	14.210	138	361174	67.54	ng	99
54) 2,4-Dinitrophenol	14.428	184	196350	61.10	ng	96
55) Dibenzofuran	14.698	168	1691790	60.13	ng	99
56) 4-Nitrophenol	14.545	139	281293	61.78	ng	98
57) 2,4-Dinitrotoluene	14.675	165	471525	63.87	ng	99
58) Fluorene	15.363	166	1376412	60.00	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	396678	62.78	ng	99
60) Diethylphthalate	15.134	149	1525628	60.87	ng	99
61) 4-Chlorophenyl-phenyle...	15.357	204	692230	60.51	ng	99
62) 4-Nitroaniline	15.404	138	354287	68.05	ng	99
63) Azobenzene	15.657	77	1310800	61.14	ng	97
65) 4,6-Dinitro-2-methylph...	15.457	198	278024	66.55	ng	95
66) n-Nitrosodiphenylamine	15.575	169	1205525	60.68	ng	100
67) 4-Bromophenyl-phenylether	16.269	248	469127	61.56	ng	99
68) Hexachlorobenzene	16.386	284	590615	60.99	ng	99
69) Atrazine	16.557	200	460742	63.29	ng	98
70) Pentachlorophenol	16.739	266	371465	68.29	ng	99
71) Phenanthrene	17.133	178	2183329	60.73	ng	100
72) Anthracene	17.233	178	2210412	61.11	ng	99
73) Carbazole	17.510	167	2042777	62.39	ng	100
74) Di-n-butylphthalate	18.098	149	2644959	62.81	ng	99
75) Fluoranthene	19.222	202	2594532	61.73	ng	100
77) Benzidine	19.422	184	1304259	65.42	ng	99
78) Pyrene	19.598	202	2661811	61.17	ng	100
80) Butylbenzylphthalate	20.551	149	1243403	64.25	ng	100
81) Benzo(a)anthracene	21.504	228	2778689	60.93	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	1114122	65.77	ng	100
83) Chrysene	21.574	228	2588513	59.88	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	1822019	64.05	ng	99
85) Di-n-octyl phthalate	22.692	149	2998832	64.47	ng	100
87) Indeno(1,2,3-cd)pyrene	28.533	276	3824922	63.64	ng	# 92
88) Benzo(b)fluoranthene	23.768	252	2922103	62.04	ng	99
89) Benzo(k)fluoranthene	23.845	252	3055252	62.95	ng	100
90) Benzo(a)pyrene	24.657	252	2881508	63.69	ng	100
91) Dibenzo(a,h)anthracene	28.603	278	3137905	64.20	ng	99
92) Benzo(g,h,i)perylene	29.692	276	3065416	63.07	ng	100

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

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