

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024619.D
 Acq On : 13 May 2025 14:05
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: May 13 16:07:39 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	111395	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	489806	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	318760	20.00	ng	-0.01
64) Phenanthrene-d10	17.086	188	628781	20.00	ng	-0.01
76) Chrysene-d12	21.522	240	717340	20.00	ng	0.00
86) Perylene-d12	24.810	264	811421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	708626	108.80	ng	0.00
7) Phenol-d6	6.852	99	930484	111.94	ng	0.00
23) Nitrobenzene-d5	8.810	82	1049445	108.26	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	587523	108.72	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2553765	104.96	ng	0.00
79) Terphenyl-d14	19.822	244	4398872	105.15	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	156571	51.20	ng	98
3) Pyridine	3.622	79	379522	55.97	ng	99
4) n-Nitrosodimethylamine	3.534	42	161654	54.00	ng	99
6) Aniline	7.005	93	593141	55.27	ng	99
8) 2-Chlorophenol	7.240	128	408016	55.19	ng	99
9) Benzaldehyde	6.822	77	290405	54.06	ng	100
10) Phenol	6.881	94	475413	55.41	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	377787	53.59	ng	100
12) 1,3-Dichlorobenzene	7.552	146	451750	53.11	ng	99
13) 1,4-Dichlorobenzene	7.699	146	455796	53.28	ng	99
14) 1,2-Dichlorobenzene	8.010	146	439707	52.74	ng	100
15) Benzyl Alcohol	7.910	79	363689	57.58	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	450215	53.33	ng	98
17) 2-Methylphenol	8.110	107	347065	56.40	ng	98
18) Hexachloroethane	8.728	117	173580	52.95	ng	98
19) n-Nitroso-di-n-propyla...	8.463	70	318058	55.32	ng	99
20) 3+4-Methylphenols	8.440	107	474048	56.64	ng	98
22) Acetophenone	8.481	105	653878	53.44	ng	# 98
24) Nitrobenzene	8.852	77	456929	53.56	ng	99
25) Isophorone	9.375	82	921892	54.82	ng	99
26) 2-Nitrophenol	9.557	139	239844	57.38	ng	98
27) 2,4-Dimethylphenol	9.628	122	402585	54.62	ng	99
28) bis(2-Chloroethoxy)met...	9.852	93	542581	54.01	ng	100
29) 2,4-Dichlorophenol	10.099	162	400983	56.14	ng	98
30) 1,2,4-Trichlorobenzene	10.299	180	424561	52.75	ng	97
31) Naphthalene	10.481	128	1336265	52.65	ng	100
32) Benzoic acid	9.787	122	263657	50.71	ng	99
33) 4-Chloroaniline	10.599	127	569812	55.63	ng	99
34) Hexachlorobutadiene	10.769	225	271578	52.09	ng	99
35) Caprolactam	11.393	113	148586	57.53	ng	98
36) 4-Chloro-3-methylphenol	11.734	107	478787	54.97	ng	99
37) 2-Methylnaphthalene	12.093	142	873274	53.13	ng	99
38) 1-Methylnaphthalene	12.316	142	919827	52.31	ng	98
40) 1,2,4,5-Tetrachloroben...	12.469	216	497848	53.78	ng	100
41) Hexachlorocyclopentadiene	12.446	237	334752	59.64	ng	96
43) 2,4,6-Trichlorophenol	12.716	196	341059	56.89	ng	98

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44) 2,4,5-Trichlorophenol	12.793	196	375330	56.24	ng	98
46) 1,1'-Biphenyl	13.116	154	1263640	53.64	ng	100
47) 2-Chloronaphthalene	13.157	162	952857	53.04	ng	99
48) 2-Nitroaniline	13.369	65	303475	57.06	ng	99
49) Acenaphthylene	14.010	152	1616938	53.79	ng	100
50) Dimethylphthalate	13.751	163	1283491	52.83	ng	99
51) 2,6-Dinitrotoluene	13.875	165	281728	54.91	ng	99
52) Acenaphthene	14.357	154	923238	53.42	ng	100
53) 3-Nitroaniline	14.210	138	302341	57.71	ng	99
54) 2,4-Dinitrophenol	14.422	184	159888	51.86	ng	98
55) Dibenzofuran	14.698	168	1447333	52.50	ng	99
56) 4-Nitrophenol	14.545	139	238294	53.99	ng	99
57) 2,4-Dinitrotoluene	14.669	165	404684	55.94	ng	98
58) Fluorene	15.357	166	1190632	52.97	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	341204	55.11	ng	100
60) Diethylphthalate	15.134	149	1305791	53.18	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	590421	52.67	ng	97
62) 4-Nitroaniline	15.392	138	298681	58.55	ng	99
63) Azobenzene	15.651	77	1121556	53.39	ng	98
65) 4,6-Dinitro-2-methylph...	15.451	198	234095	57.64	ng	98
66) n-Nitrosodiphenylamine	15.569	169	1048396	54.28	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	396385	53.50	ng	99
68) Hexachlorobenzene	16.381	284	504987	53.64	ng	99
69) Atrazine	16.551	200	389749	55.07	ng	100
70) Pentachlorophenol	16.739	266	310477	58.71	ng	98
71) Phenanthrene	17.128	178	1838891	52.61	ng	100
72) Anthracene	17.228	178	1894573	53.87	ng	100
73) Carbazole	17.510	167	1750681	55.00	ng	100
74) Di-n-butylphthalate	18.104	149	2275163	55.58	ng	100
75) Fluoranthene	19.222	202	2199818	53.84	ng	100
77) Benzidine	19.422	184	1178505	59.85	ng	99
78) Pyrene	19.604	202	2282702	53.11	ng	100
80) Butylbenzylphthalate	20.551	149	1083395	56.68	ng	97
81) Benzo(a)anthracene	21.504	228	2396398	53.20	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	966906	57.80	ng	100
83) Chrysene	21.574	228	2250800	52.71	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	1585070	56.42	ng	100
85) Di-n-octyl phthalate	22.698	149	2614856	56.91	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	3262830	55.06	ng	99
88) Benzo(b)fluoranthene	23.763	252	2612438	56.25	ng	99
89) Benzo(k)fluoranthene	23.827	252	2552663	53.34	ng	99
90) Benzo(a)pyrene	24.645	252	2475976	55.51	ng	100
91) Dibenzo(a,h)anthracene	28.586	278	2679367	55.60	ng	99
92) Benzo(g,h,i)perylene	29.656	276	2625625	54.79	ng	99

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

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