

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024691.D
 Acq On : 19 May 2025 16:16
 Operator : RC/JU
 Sample : Q2032-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-24MS

Quant Time: May 19 17:25:47 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 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	175701	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	713844	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	453670	20.000	ng	-0.02
64) Phenanthrene-d10	17.098	188	903382	20.000	ng	0.00
76) Chrysene-d12	21.539	240	992797	20.000	ng	0.02
86) Perylene-d12	24.827	264	1067591	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1183975	115.255	ng	0.00
7) Phenol-d6	6.864	99	1487465	113.454	ng	0.01
23) Nitrobenzene-d5	8.805	82	904196	64.000	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	906372	117.848	ng	0.01
45) 2-Fluorobiphenyl	12.899	172	2208156	63.768	ng	0.00
79) Terphenyl-d14	19.834	244	3781697	65.315	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	161475	33.475	ng	99
3) Pyridine	3.617	79	397123	37.128	ng	97
4) n-Nitrosodimethylamine	3.529	42	191800	40.618	ng	98
6) Aniline	6.999	93	551407	32.575	ng	99
8) 2-Chlorophenol	7.240	128	544073	46.655	ng	98
9) Benzaldehyde	6.811	77	308267	36.322	ng	99
10) Phenol	6.893	94	627537	46.375	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	452491	40.695	ng	99
12) 1,3-Dichlorobenzene	7.546	146	567795	42.320	ng	99
13) 1,4-Dichlorobenzene	7.693	146	571945	42.384	ng	99
14) 1,2-Dichlorobenzene	8.005	146	553367	42.084	ng	99
15) Benzyl Alcohol	7.905	79	455941	45.763	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	536108	40.260	ng	99
17) 2-Methylphenol	8.117	107	442728	45.616	ng	98
18) Hexachloroethane	8.722	117	212213	41.038	ng	98
19) n-Nitroso-di-n-propyla...	8.458	70	360456	39.745	ng	99
20) 3+4-Methylphenols	8.446	107	598942	45.367	ng	99
22) Acetophenone	8.475	105	768246	43.084	ng	# 99
24) Nitrobenzene	8.846	77	535124	43.041	ng	96
25) Isophorone	9.369	82	1013860	41.370	ng	99
26) 2-Nitrophenol	9.552	139	299350	49.135	ng	98
27) 2,4-Dimethylphenol	9.628	122	498635	46.422	ng	100
28) bis(2-Chloroethoxy)met...	9.846	93	620045	42.349	ng	99
29) 2,4-Dichlorophenol	10.099	162	511609	49.151	ng	98
30) 1,2,4-Trichlorobenzene	10.293	180	521929	44.496	ng	98
31) Naphthalene	10.475	128	1623285	43.882	ng	99
32) Benzoic acid	9.822	122	335518	45.356	ng	98
33) 4-Chloroaniline	10.599	127	376160	25.199	ng	98
34) Hexachlorobutadiene	10.758	225	337318	44.392	ng	98
35) Caprolactam	11.399	113	173255	46.005	ng	98
36) 4-Chloro-3-methylphenol	11.746	107	580626	45.741	ng	97
37) 2-Methylnaphthalene	12.087	142	1046239	43.679	ng	100
38) 1-Methylnaphthalene	12.310	142	1092307	42.620	ng	99
40) 1,2,4,5-Tetrachloroben...	12.463	216	603629	45.820	ng	100
41) Hexachlorocyclopentadiene	12.440	237	726067	90.891	ng	97
43) 2,4,6-Trichlorophenol	12.716	196	423991	49.689	ng	99

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44) 2,4,5-Trichlorophenol	12.816	196	467084	49.176	ng	97
46) 1,1'-Biphenyl	13.110	154	1516077	45.214	ng	99
47) 2-Chloronaphthalene	13.152	162	1149183	44.949	ng	99
48) 2-Nitroaniline	13.375	65	350924	46.362	ng	98
49) Acenaphthylene	14.010	152	1930240	45.115	ng	100
50) Dimethylphthalate	13.752	163	1545880	44.706	ng	100
51) 2,6-Dinitrotoluene	13.875	165	332024	45.465	ng	96
52) Acenaphthene	14.357	154	1086088	44.156	ng	99
53) 3-Nitroaniline	14.216	138	227513	30.511	ng	97
54) 2,4-Dinitrophenol	14.434	184	420465	90.400	ng	98
55) Dibenzofuran	14.698	168	1728804	44.065	ng	98
56) 4-Nitrophenol	14.575	139	563852	86.954	ng	98
57) 2,4-Dinitrotoluene	14.675	165	476970	46.327	ng	99
58) Fluorene	15.363	166	1434906	44.854	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.940	232	413945	46.980	ng	97
60) Diethylphthalate	15.140	149	1573648	45.027	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	719589	45.105	ng	98
62) 4-Nitroaniline	15.404	138	316195	43.916	ng	96
63) Azobenzene	15.657	77	1319940	44.148	ng	97
65) 4,6-Dinitro-2-methylph...	15.457	198	281086	48.170	ng	98
66) n-Nitrosodiphenylamine	15.581	169	1250329	45.060	ng	99
67) 4-Bromophenyl-phenylether	16.269	248	494366	46.441	ng	100
68) Hexachlorobenzene	16.393	284	611127	45.180	ng	98
69) Atrazine	16.563	200	479320	47.135	ng	100
70) Pentachlorophenol	16.757	266	790871	104.158	ng	99
71) Phenanthrene	17.140	178	2238272	44.569	ng	100
72) Anthracene	17.240	178	2289362	45.309	ng	100
73) Carbazole	17.522	167	2149286	46.997	ng	100
74) Di-n-butylphthalate	18.110	149	2834682	48.196	ng	99
75) Fluoranthene	19.228	202	2761747	47.045	ng	100
77) Benzidine	19.445	184	1173958	43.416	ng	99
78) Pyrene	19.604	202	2767694	46.527	ng	99
80) Butylbenzylphthalate	20.563	149	1339615	50.636	ng	97
81) Benzo(a)anthracene	21.516	228	2890751	46.371	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	819615	35.398	ng	99
83) Chrysene	21.586	228	2696533	45.631	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	1991784	51.222	ng	99
85) Di-n-octyl phthalate	22.698	149	3420415	53.790	ng	99
87) Indeno(1,2,3-cd)pyrene	28.568	276	3374918	43.301	ng	# 92
88) Benzo(b)fluoranthene	23.780	252	2841716	46.504	ng	99
89) Benzo(k)fluoranthene	23.857	252	2948981	46.834	ng	100
90) Benzo(a)pyrene	24.686	252	2682066	45.700	ng	99
91) Dibenzo(a,h)anthracene	28.639	278	2765872	43.621	ng	99
92) Benzo(g,h,i)perylene	29.704	276	2666340	42.286	ng	99

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

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