

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051425\
 Data File : BP024625.D
 Acq On : 14 May 2025 11:35
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: May 14 13:09:07 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	7.628	152	115714	20.000	ng	-0.04
21) Naphthalene-d8	10.410	136	507416	20.000	ng	-0.02
39) Acenaphthene-d10	14.286	164	336535	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	705050	20.000	ng	0.00
76) Chrysene-d12	21.533	240	813969	20.000	ng	0.01
86) Perylene-d12	24.821	264	940710	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	521980	77.154	ng	-0.03
7) Phenol-d6	6.822	99	674475	78.114	ng	-0.03
23) Nitrobenzene-d5	8.781	82	793572	79.021	ng	-0.03
42) 2,4,6-Tribromophenol	15.810	330	469524	82.297	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1931765	75.203	ng	-0.01
79) Terphenyl-d14	19.833	244	3628929	76.446	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.211	88	121989	38.399	ng	99
3) Pyridine	3.605	79	274040	38.903	ng	98
4) n-Nitrosodimethylamine	3.511	42	127064	40.858	ng	92
6) Aniline	6.975	93	428908	38.474	ng	100
8) 2-Chlorophenol	7.204	128	301635	39.274	ng	100
9) Benzaldehyde	6.787	77	216909m	38.807	ng	
10) Phenol	6.846	94	345991	38.823	ng	98
11) bis(2-Chloroethyl)ether	7.063	93	274967	37.549	ng	100
12) 1,3-Dichlorobenzene	7.522	146	331540	37.521	ng	98
13) 1,4-Dichlorobenzene	7.663	146	337195	37.942	ng	99
14) 1,2-Dichlorobenzene	7.981	146	330466	38.161	ng	99
15) Benzyl Alcohol	7.875	79	270028	41.153	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.152	45	331737	37.827	ng	99
17) 2-Methylphenol	8.075	107	254105	39.754	ng	99
18) Hexachloroethane	8.699	117	130316	38.265	ng	97
19) n-Nitroso-di-n-propyla...	8.434	70	237966	39.841	ng	99
20) 3+4-Methylphenols	8.404	107	345708	39.761	ng	98
22) Acetophenone	8.451	105	487619	38.471	ng	# 99
24) Nitrobenzene	8.822	77	347674	39.340	ng	99
25) Isophorone	9.346	82	673166	38.643	ng	98
26) 2-Nitrophenol	9.528	139	174274	40.243	ng	95
27) 2,4-Dimethylphenol	9.598	122	301398	39.475	ng	98
28) bis(2-Chloroethoxy)met...	9.828	93	398711	38.310	ng	99
29) 2,4-Dichlorophenol	10.075	162	295603	39.952	ng	98
30) 1,2,4-Trichlorobenzene	10.269	180	322652	38.698	ng	98
31) Naphthalene	10.463	128	1002824	38.138	ng	99
32) Benzoic acid	9.757	122	199091m	39.096	ng	
33) 4-Chloroaniline	10.575	127	427253	40.266	ng	100
34) Hexachlorobutadiene	10.745	225	212669	39.374	ng	97
35) Caprolactam	11.375	113	105084	39.255	ng	99
36) 4-Chloro-3-methylphenol	11.716	107	350402	38.834	ng	98
37) 2-Methylnaphthalene	12.081	142	646503	37.971	ng	99
38) 1-Methylnaphthalene	12.298	142	678827	37.262	ng	99
40) 1,2,4,5-Tetrachloroben...	12.457	216	363473	37.193	ng	99
41) Hexachlorocyclopentadiene	12.428	237	251504	42.442	ng	96
43) 2,4,6-Trichlorophenol	12.704	196	250626	39.595	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.787	196	278502	39.527	ng	98
46) 1,1'-Biphenyl	13.110	154	930967	37.428	ng	100
47) 2-Chloronaphthalene	13.151	162	710183	37.446	ng	98
48) 2-Nitroaniline	13.357	65	221555	39.458	ng	97
49) Acenaphthylene	14.004	152	1199079	37.780	ng	100
50) Dimethylphthalate	13.751	163	959581	37.409	ng	100
51) 2,6-Dinitrotoluene	13.863	165	210286	38.817	ng	91
52) Acenaphthene	14.351	154	695773	38.133	ng	100
53) 3-Nitroaniline	14.198	138	223399	40.387	ng	97
54) 2,4-Dinitrophenol	14.422	184	118947	38.435	ng	99
55) Dibenzofuran	14.692	168	1127191	38.731	ng	100
56) 4-Nitrophenol	14.539	139	171551	38.161	ng	96
57) 2,4-Dinitrotoluene	14.669	165	310445	40.648	ng	95
58) Fluorene	15.357	166	937420	39.503	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.928	232	259540	39.708	ng	99
60) Diethylphthalate	15.133	149	1020334	39.356	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	467584	39.510	ng	97
62) 4-Nitroaniline	15.398	138	234140	43.838	ng	99
63) Azobenzene	15.651	77	886547	39.973	ng	99
65) 4,6-Dinitro-2-methylph...	15.457	198	178715	39.242	ng	93
66) n-Nitrosodiphenylamine	15.569	169	820871	37.904	ng	99
67) 4-Bromophenyl-phenylether	16.269	248	318213	38.302	ng	97
68) Hexachlorobenzene	16.386	284	395863	37.499	ng	98
69) Atrazine	16.557	200	309117	38.949	ng	98
70) Pentachlorophenol	16.745	266	250707	42.306	ng	98
71) Phenanthrene	17.139	178	1460711	37.268	ng	100
72) Anthracene	17.233	178	1509621	38.282	ng	100
73) Carbazole	17.522	167	1394376	39.067	ng	100
74) Di-n-butylphthalate	18.116	149	1838243	40.046	ng	100
75) Fluoranthene	19.233	202	1782976	38.916	ng	99
77) Benzidine	19.439	184	911891	41.133	ng	100
78) Pyrene	19.610	202	1857977	38.096	ng	100
80) Butylbenzylphthalate	20.563	149	868834	40.056	ng	97
81) Benzo(a)anthracene	21.510	228	1961745	38.383	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	778902	41.031	ng	99
83) Chrysene	21.586	228	1835723	37.889	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	1281105	40.184	ng	99
85) Di-n-octyl phthalate	22.715	149	2125149	40.763	ng	100
87) Indeno(1,2,3-cd)pyrene	28.545	276	2703892	39.371	ng	# 93
88) Benzo(b)fluoranthene	23.792	252	2090102	38.817	ng	99
89) Benzo(k)fluoranthene	23.851	252	2149476	38.741	ng	99
90) Benzo(a)pyrene	24.668	252	2019628	39.054	ng	99
91) Dibenzo(a,h)anthracene	28.627	278	2207636m	39.513	ng	
92) Benzo(g,h,i)perylene	29.692	276	2182397	39.279	ng	99

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

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