

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
 Data File : BP024649.D
 Acq On : 15 May 2025 23:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 16 01:19:33 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	7.663	152	232160	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	983318	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	587551	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	1091563	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1022023	20.000	ng	0.00
86) Perylene-d12	24.804	264	1190012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1063870	78.377	ng	0.00
7) Phenol-d6	6.858	99	1359524	78.478	ng	0.00
23) Nitrobenzene-d5	8.816	82	1478111	75.951	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	759124	76.212	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	3499303	78.028	ng	0.00
79) Terphenyl-d14	19.822	244	4990002	83.720	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	216790	34.013	ng	99
3) Pyridine	3.622	79	504248	35.679	ng	98
4) n-Nitrosodimethylamine	3.534	42	222294	35.627	ng	98
6) Aniline	7.005	93	872747	39.020	ng	99
8) 2-Chlorophenol	7.234	128	612652	39.759	ng	99
9) Benzaldehyde	6.816	77	428972	38.252	ng	100
10) Phenol	6.881	94	698793	39.082	ng	99
11) bis(2-Chloroethyl)ether	7.099	93	543554	36.996	ng	99
12) 1,3-Dichlorobenzene	7.552	146	668602	37.714	ng	99
13) 1,4-Dichlorobenzene	7.699	146	676768	37.956	ng	99
14) 1,2-Dichlorobenzene	8.010	146	649038	37.356	ng	99
15) Benzyl Alcohol	7.905	79	539702	40.996	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	640858	36.423	ng	99
17) 2-Methylphenol	8.116	107	500376	39.018	ng	98
18) Hexachloroethane	8.728	117	242610	35.507	ng	98
19) n-Nitroso-di-n-propyla...	8.469	70	442058	36.889	ng	97
20) 3+4-Methylphenols	8.440	107	681117	39.045	ng	99
22) Acetophenone	8.481	105	920371	37.470	ng	98
24) Nitrobenzene	8.857	77	645688	37.701	ng	96
25) Isophorone	9.375	82	1269006	37.591	ng	100
26) 2-Nitrophenol	9.557	139	355400	42.349	ng	99
27) 2,4-Dimethylphenol	9.628	122	582440	39.364	ng	99
28) bis(2-Chloroethoxy)met...	9.851	93	754573	37.413	ng	99
29) 2,4-Dichlorophenol	10.099	162	575595	40.144	ng	97
30) 1,2,4-Trichlorobenzene	10.299	180	616726	38.169	ng	97
31) Naphthalene	10.487	128	1903619	37.358	ng	100
32) Benzoic acid	9.810	122	407909	40.907	ng	96
33) 4-Chloroaniline	10.599	127	814535	39.613	ng	99
34) Hexachlorobutadiene	10.763	225	393890	37.631	ng	98
35) Caprolactam	11.404	113	200581	38.665	ng	99
36) 4-Chloro-3-methylphenol	11.740	107	652057	37.291	ng	98
37) 2-Methylnaphthalene	12.098	142	1234376	37.411	ng	99
38) 1-Methylnaphthalene	12.322	142	1293251	36.632	ng	99
40) 1,2,4,5-Tetrachloroben...	12.469	216	688659	40.363	ng	99
41) Hexachlorocyclopentadiene	12.445	237	275814	26.660	ng	96
43) 2,4,6-Trichlorophenol	12.722	196	476529	43.120	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	511817	41.607	ng	96
46) 1,1'-Biphenyl	13.122	154	1712931	39.444	ng	100
47) 2-Chloronaphthalene	13.163	162	1309148	39.538	ng	100
48) 2-Nitroaniline	13.375	65	394433	40.236	ng	99
49) Acenaphthylene	14.016	152	2103173	37.956	ng	100
50) Dimethylphthalate	13.757	163	1670038	37.291	ng	100
51) 2,6-Dinitrotoluene	13.875	165	361561	38.228	ng	99
52) Acenaphthene	14.363	154	1201800	37.727	ng	100
53) 3-Nitroaniline	14.210	138	386417	40.013	ng	99
54) 2,4-Dinitrophenol	14.428	184	144005	28.615	ng	97
55) Dibenzofuran	14.704	168	1916472	37.718	ng	98
56) 4-Nitrophenol	14.551	139	297049	37.883	ng	99
57) 2,4-Dinitrotoluene	14.675	165	517837	38.836	ng	99
58) Fluorene	15.363	166	1544487	37.279	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.939	232	441228	38.666	ng	98
60) Diethylphthalate	15.134	149	1705615	37.682	ng	99
61) 4-Chlorophenyl-phenyle...	15.363	204	781926	37.844	ng	99
62) 4-Nitroaniline	15.398	138	382445	41.014	ng	98
63) Azobenzene	15.657	77	1436894	37.109	ng	96
65) 4,6-Dinitro-2-methylph...	15.457	198	221744	31.450	ng	98
66) n-Nitrosodiphenylamine	15.581	169	1337443	39.890	ng	99
67) 4-Bromophenyl-phenylether	16.269	248	529175	41.141	ng	98
68) Hexachlorobenzene	16.386	284	642713	39.324	ng	100
69) Atrazine	16.563	200	490937	39.955	ng	99
70) Pentachlorophenol	16.745	266	409473	44.631	ng	97
71) Phenanthrene	17.139	178	2282446	37.614	ng	100
72) Anthracene	17.233	178	2359777	38.652	ng	100
73) Carbazole	17.516	167	2120193	38.369	ng	99
74) Di-n-butylphthalate	18.098	149	2912690	40.985	ng	99
75) Fluoranthene	19.222	202	2551520	35.971	ng	100
77) Benzidine	19.427	184	1243029	44.656	ng	100
78) Pyrene	19.598	202	2593846	42.357	ng	100
80) Butylbenzylphthalate	20.551	149	1248972	45.859	ng	94
81) Benzo(a)anthracene	21.504	228	2464464	38.403	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	1038409	43.565	ng	99
83) Chrysene	21.569	228	2303429	37.864	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	1841778	46.010	ng	100
85) Di-n-octyl phthalate	22.686	149	3017546	46.097	ng	99
87) Indeno(1,2,3-cd)pyrene	28.545	276	3373604	38.832	ng	# 92
88) Benzo(b)fluoranthene	23.774	252	2616788	38.417	ng	99
89) Benzo(k)fluoranthene	23.839	252	2583044	36.802	ng	100
90) Benzo(a)pyrene	24.651	252	2533975	38.735	ng	100
91) Dibenzo(a,h)anthracene	28.609	278	2767391	39.155	ng	99
92) Benzo(g,h,i)perylene	29.668	276	2681407	38.150	ng	99

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

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