

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
 Data File : BP024888.D
 Acq On : 10 Jun 2025 10:53
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 10 11:45:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	264162	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	1106060	20.000	ng	0.00
39) Acenaphthene-d10	14.242	164	714331	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1406879	20.000	ng	-0.01
76) Chrysene-d12	21.466	240	1508873	20.000	ng	-0.02
86) Perylene-d12	24.707	264	1759117	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1266707	80.041	ng	0.00
7) Phenol-d6	6.813	99	1661649	79.357	ng	0.00
23) Nitrobenzene-d5	8.760	82	1836553	80.686	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	840500	85.105	ng	-0.01
45) 2-Fluorobiphenyl	12.854	172	4213381	79.458	ng	0.00
79) Terphenyl-d14	19.772	244	6761405	80.312	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.167	88	260471	37.405	ng	99
3) Pyridine	3.567	79	672604	40.164	ng	99
4) n-Nitrosodimethylamine	3.478	42	263427	38.477	ng	98
6) Aniline	6.949	93	1088063	40.718	ng	99
8) 2-Chlorophenol	7.184	128	721031	40.190	ng	99
9) Benzaldehyde	6.766	77	506667	41.981	ng	97
10) Phenol	6.837	94	861364	39.904	ng	100
11) bis(2-Chloroethyl)ether	7.043	93	689936	40.638	ng	99
12) 1,3-Dichlorobenzene	7.496	146	796552	39.800	ng	98
13) 1,4-Dichlorobenzene	7.637	146	800926	39.662	ng	99
14) 1,2-Dichlorobenzene	7.949	146	771616	38.912	ng	98
15) Benzyl Alcohol	7.855	79	651914	40.567	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	880525	39.625	ng	99
17) 2-Methylphenol	8.066	107	603976	40.068	ng	98
18) Hexachloroethane	8.666	117	299554	39.400	ng	98
19) n-Nitroso-di-n-propyla...	8.407	70	573612	40.297	ng	98
20) 3+4-Methylphenols	8.396	107	814943	39.627	ng	98
22) Acetophenone	8.425	105	1127432	40.345	ng	98
24) Nitrobenzene	8.802	77	802919	39.707	ng	98
25) Isophorone	9.319	82	1597454	40.495	ng	100
26) 2-Nitrophenol	9.502	139	421767	42.273	ng	100
27) 2,4-Dimethylphenol	9.572	122	700934	41.049	ng	98
28) bis(2-Chloroethoxy)met...	9.796	93	954924	40.581	ng	99
29) 2,4-Dichlorophenol	10.049	162	675826	41.249	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	743826	40.252	ng	100
31) Naphthalene	10.419	128	2236775	39.462	ng	100
32) Benzoic acid	9.754	122	485034	42.035	ng	96
33) 4-Chloroaniline	10.549	127	975670	41.086	ng	99
34) Hexachlorobutadiene	10.701	225	454558	40.812	ng	99
35) Caprolactam	11.343	113	244214	40.493	ng	92
36) 4-Chloro-3-methylphenol	11.696	107	763467	40.400	ng	99
37) 2-Methylnaphthalene	12.043	142	1439623	40.040	ng	99
38) 1-Methylnaphthalene	12.260	142	1540412	40.074	ng	98
40) 1,2,4,5-Tetrachloroben...	12.419	216	810809	40.001	ng	99
41) Hexachlorocyclopentadiene	12.390	237	479003	38.745	ng	99
43) 2,4,6-Trichlorophenol	12.672	196	562232	41.303	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	604081	41.438	ng	99
46) 1,1'-Biphenyl	13.066	154	2072423	39.922	ng	100
47) 2-Chloronaphthalene	13.107	162	1588976	39.825	ng	100
48) 2-Nitroaniline	13.325	65	486537	39.665	ng	96
49) Acenaphthylene	13.966	152	2663755	40.041	ng	100
50) Dimethylphthalate	13.707	163	2103205	39.913	ng	100
51) 2,6-Dinitrotoluene	13.825	165	459252	40.427	ng	98
52) Acenaphthene	14.313	154	1523053	39.953	ng	99
53) 3-Nitroaniline	14.172	138	486039	41.229	ng	98
54) 2,4-Dinitrophenol	14.390	184	266618	39.100	ng	95
55) Dibenzofuran	14.654	168	2429571	39.704	ng	100
56) 4-Nitrophenol	14.531	139	339369	37.114	ng	100
57) 2,4-Dinitrotoluene	14.631	165	660814	41.585	ng	95
58) Fluorene	15.313	166	1986276	40.182	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.895	232	538719	41.360	ng	98
60) Diethylphthalate	15.089	149	2134097	40.637	ng	99
61) 4-Chlorophenyl-phenyle...	15.307	204	982980	40.670	ng	97
62) 4-Nitroaniline	15.354	138	483347	45.218	ng	95
63) Azobenzene	15.607	77	1922079	39.906	ng	98
65) 4,6-Dinitro-2-methylph...	15.419	198	376536	40.731	ng	97
66) n-Nitrosodiphenylamine	15.531	169	1714941	39.327	ng	100
67) 4-Bromophenyl-phenylether	16.219	248	650504	40.979	ng	100
68) Hexachlorobenzene	16.336	284	757639	39.370	ng	99
69) Atrazine	16.513	200	656180	41.509	ng	99
70) Pentachlorophenol	16.701	266	448019	44.983	ng	99
71) Phenanthrene	17.089	178	3074083	39.540	ng	100
72) Anthracene	17.183	178	3119129	39.614	ng	99
73) Carbazole	17.466	167	2915118	39.942	ng	100
74) Di-n-butylphthalate	18.054	149	3883100	42.943	ng	99
75) Fluoranthene	19.172	202	3604324	39.999	ng	99
77) Benzidine	19.377	184	2107508	45.098	ng	100
78) Pyrene	19.548	202	3686467	39.107	ng	99
80) Butylbenzylphthalate	20.501	149	1809488	41.907	ng	97
81) Benzo(a)anthracene	21.448	228	3808384	39.463	ng	100
82) 3,3'-Dichlorobenzidine	21.372	252	1566857	40.897	ng	100
83) Chrysene	21.513	228	3604583	39.420	ng	100
84) Bis(2-ethylhexyl)phtha...	21.377	149	2734279	44.198	ng	99
85) Di-n-octyl phthalate	22.619	149	4735699	43.430	ng	99
87) Indeno(1,2,3-cd)pyrene	28.395	276	5083692	39.608	ng	100
88) Benzo(b)fluoranthene	23.677	252	4049838	40.227	ng	98
89) Benzo(k)fluoranthene	23.760	252	3993116	38.966	ng	100
90) Benzo(a)pyrene	24.560	252	3936675	40.040	ng	100
91) Dibenzo(a,h)anthracene	28.465	278	4149595	39.719	ng	99
92) Benzo(g,h,i)perylene	29.524	276	3990418	38.496	ng	99

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

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