

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025542.D
 Acq On : 21 Aug 2025 17:11
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 21 17:38:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	136090	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	561087	20.000	ng	-0.01
39) Acenaphthene-d10	14.401	164	361820	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	738022	20.000	ng	0.00
76) Chrysene-d12	21.654	240	775486	20.000	ng	0.00
86) Perylene-d12	25.042	264	938396	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	659968	80.536	ng	0.00
7) Phenol-d6	6.966	99	858005	81.665	ng	0.00
23) Nitrobenzene-d5	8.925	82	898712	81.025	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	386032	79.265	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	1993253	75.290	ng	-0.01
79) Terphenyl-d14	19.919	244	3252513	76.735	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.325	88	123102	38.351	ng	98
3) Pyridine	3.725	79	334015	38.018	ng	96
4) n-Nitrosodimethylamine	3.625	42	154661	42.700	ng	93
6) Aniline	7.113	93	558248	39.437	ng	97
8) 2-Chlorophenol	7.361	128	371115	40.132	ng	99
9) Benzaldehyde	6.931	77	371170	50.425	ng	97
10) Phenol	6.990	94	442754	40.161	ng	98
11) bis(2-Chloroethyl)ether	7.208	93	335445	39.038	ng	99
12) 1,3-Dichlorobenzene	7.672	146	400071	39.235	ng	99
13) 1,4-Dichlorobenzene	7.813	146	407112	39.062	ng	99
14) 1,2-Dichlorobenzene	8.131	146	391768	38.832	ng	99
15) Benzyl Alcohol	8.013	79	333074	39.899	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.302	45	462041	40.140	ng	98
17) 2-Methylphenol	8.219	107	306623	40.046	ng	99
18) Hexachloroethane	8.855	117	151796	39.613	ng	95
19) n-Nitroso-di-n-propyla...	8.578	70	261358	37.556	ng	99
20) 3+4-Methylphenols	8.543	107	419151	39.493	ng	97
22) Acetophenone	8.590	105	547747	38.928	ng	98
24) Nitrobenzene	8.966	77	402602	40.614	ng	99
25) Isophorone	9.490	82	744998	37.953	ng	98
26) 2-Nitrophenol	9.666	139	206989	40.687	ng	97
27) 2,4-Dimethylphenol	9.731	122	343995	39.319	ng	95
28) bis(2-Chloroethoxy)met...	9.960	93	445729	37.564	ng	99
29) 2,4-Dichlorophenol	10.207	162	343907	39.571	ng	98
30) 1,2,4-Trichlorobenzene	10.413	180	367404	38.564	ng	96
31) Naphthalene	10.602	128	1119457	38.386	ng	100
32) Benzoic acid	9.872	122	263736	40.832	ng	96
33) 4-Chloroaniline	10.707	127	495841	38.492	ng	100
34) Hexachlorobutadiene	10.890	225	228289	38.476	ng	98
35) Caprolactam	11.490	113	127845	40.117	ng	99
36) 4-Chloro-3-methylphenol	11.837	107	391584	39.266	ng	97
37) 2-Methylnaphthalene	12.207	142	711313	37.480	ng	99
38) 1-Methylnaphthalene	12.425	142	759140	37.614	ng	99
40) 1,2,4,5-Tetrachloroben...	12.578	216	403111	38.576	ng	100
41) Hexachlorocyclopentadiene	12.560	237	185973	29.463	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	286518	40.614	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	310439	40.151	ng	97
46) 1,1'-Biphenyl	13.225	154	1006707	38.311	ng	99
47) 2-Chloronaphthalene	13.266	162	785215	38.384	ng	99
48) 2-Nitroaniline	13.466	65	259315	43.505	ng	99
49) Acenaphthylene	14.119	152	1325117	39.147	ng	100
50) Dimethylphthalate	13.854	163	1008135	38.049	ng	99
51) 2,6-Dinitrotoluene	13.966	165	224262	40.158	ng	99
52) Acenaphthene	14.466	154	751169	37.805	ng	99
53) 3-Nitroaniline	14.295	138	258517	41.145	ng	95
54) 2,4-Dinitrophenol	14.519	184	109722	36.791	ng	96
55) Dibenzofuran	14.807	168	1206654	38.412	ng	100
56) 4-Nitrophenol	14.625	139	224642	43.509	ng	99
57) 2,4-Dinitrotoluene	14.772	165	337744	42.389	ng	98
58) Fluorene	15.466	166	964124	38.896	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.037	232	275227	40.314	ng	99
60) Diethylphthalate	15.237	149	1048925	38.961	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	465636	37.771	ng	97
62) 4-Nitroaniline	15.484	138	277864	43.138	ng	99
63) Azobenzene	15.760	77	930640	40.370	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	155486	33.798	ng	93
66) n-Nitrosodiphenylamine	15.678	169	868621	38.596	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	306365	37.744	ng	97
68) Hexachlorobenzene	16.495	284	355309	37.762	ng	99
69) Atrazine	16.654	200	329503	39.095	ng	98
70) Pentachlorophenol	16.854	266	238756	40.198	ng	97
71) Phenanthrene	17.248	178	1579287	38.954	ng	99
72) Anthracene	17.342	178	1611788	38.931	ng	99
73) Carbazole	17.619	167	1568464	40.220	ng	99
74) Di-n-butylphthalate	18.219	149	1901273	39.627	ng	100
75) Fluoranthene	19.330	202	1894256	39.170	ng	99
77) Benzidine	19.519	184	1131270	42.745	ng	99
78) Pyrene	19.707	202	1970872	39.101	ng	99
80) Butylbenzylphthalate	20.654	149	933796	40.877	ng	98
81) Benzo(a)anthracene	21.636	228	2010459	39.310	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	781552	40.543	ng	100
83) Chrysene	21.701	228	1865688	38.953	ng	99
84) Bis(2-ethylhexyl)phtha...	21.572	149	1316686	39.155	ng	99
85) Di-n-octyl phthalate	22.860	149	2384611	41.227	ng	98
87) Indeno(1,2,3-cd)pyrene	28.877	276	2703463	39.284	ng	94
88) Benzo(b)fluoranthene	23.971	252	2077718	37.548	ng	100
89) Benzo(k)fluoranthene	24.042	252	2130275	38.472	ng	99
90) Benzo(a)pyrene	24.889	252	2081963	38.652	ng	100
91) Dibenzo(a,h)anthracene	28.953	278	2225141	39.566	ng	99
92) Benzo(g,h,i)perylene	30.071	276	2194980	39.705	ng	99

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

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