

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025596.D
 Acq On : 27 Aug 2025 09:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 27 10:55:50 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	161611	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	681785	20.000	ng	-0.02
39) Acenaphthene-d10	14.396	164	463868	20.000	ng	-0.01
64) Phenanthrene-d10	17.207	188	978179	20.000	ng	0.00
76) Chrysene-d12	21.642	240	1036724	20.000	ng	0.00
86) Perylene-d12	25.001	264	1177638	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	778278	79.975	ng	0.00
7) Phenol-d6	6.967	99	1010169	80.965	ng	0.00
23) Nitrobenzene-d5	8.919	82	1076213	79.850	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	549909	88.074	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2624819	77.334	ng	-0.01
79) Terphenyl-d14	19.919	244	4654437	82.140	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.320	88	149495	39.219	ng	99
3) Pyridine	3.720	79	409189	39.220	ng	95
4) n-Nitrosodimethylamine	3.626	42	182771	42.492	ng	98
6) Aniline	7.114	93	676634	40.251	ng	97
8) 2-Chlorophenol	7.349	128	438161	39.900	ng	98
9) Benzaldehyde	6.931	77	426718	48.816	ng	97
10) Phenol	6.990	94	528849	40.395	ng	99
11) bis(2-Chloroethyl)ether	7.202	93	401542	39.351	ng	98
12) 1,3-Dichlorobenzene	7.666	146	477862	39.463	ng	99
13) 1,4-Dichlorobenzene	7.814	146	488238	39.448	ng	99
14) 1,2-Dichlorobenzene	8.125	146	472173	39.411	ng	99
15) Benzyl Alcohol	8.014	79	399160	40.264	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.296	45	556824	40.735	ng	100
17) 2-Methylphenol	8.219	107	364205	40.055	ng	99
18) Hexachloroethane	8.843	117	181852	39.962	ng	96
19) n-Nitroso-di-n-propyla...	8.572	70	333477	40.352	ng	99
20) 3+4-Methylphenols	8.543	107	488967	38.796	ng	100
22) Acetophenone	8.584	105	676704	39.578	ng	98
24) Nitrobenzene	8.961	77	479758	39.829	ng	98
25) Isophorone	9.484	82	965178	40.465	ng	98
26) 2-Nitrophenol	9.666	139	254434	41.159	ng	99
27) 2,4-Dimethylphenol	9.725	122	422400	39.733	ng	99
28) bis(2-Chloroethoxy)met...	9.955	93	568496	39.429	ng	100
29) 2,4-Dichlorophenol	10.208	162	422695	40.026	ng	99
30) 1,2,4-Trichlorobenzene	10.408	180	452737	39.108	ng	96
31) Naphthalene	10.590	128	1388192	39.174	ng	99
32) Benzoic acid	9.878	122	310275	39.533	ng	99
33) 4-Chloroaniline	10.702	127	625135	39.937	ng	98
34) Hexachlorobutadiene	10.878	225	280228	38.868	ng	98
35) Caprolactam	11.496	113	164315	42.433	ng	99
36) 4-Chloro-3-methylphenol	11.837	107	494469	40.805	ng	97
37) 2-Methylnaphthalene	12.202	142	895986	38.853	ng	99
38) 1-Methylnaphthalene	12.425	142	942809	38.444	ng	100
40) 1,2,4,5-Tetrachloroben...	12.572	216	524176	39.126	ng	99
41) Hexachlorocyclopentadiene	12.549	237	260051	32.135	ng	97
43) 2,4,6-Trichlorophenol	12.819	196	357566	39.534	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	392969	39.644	ng	98
46) 1,1'-Biphenyl	13.213	154	1299218	38.565	ng	99
47) 2-Chloronaphthalene	13.254	162	1015269	38.712	ng	99
48) 2-Nitroaniline	13.466	65	333661	43.663	ng	98
49) Acenaphthylene	14.119	152	1694793	39.053	ng	99
50) Dimethylphthalate	13.849	163	1390228	40.927	ng	99
51) 2,6-Dinitrotoluene	13.960	165	307211	42.909	ng	98
52) Acenaphthene	14.466	154	970444	38.097	ng	100
53) 3-Nitroaniline	14.296	138	338029	41.964	ng	94
54) 2,4-Dinitrophenol	14.519	184	189053	49.446	ng	98
55) Dibenzofuran	14.807	168	1594000	39.579	ng	99
56) 4-Nitrophenol	14.643	139	254738	38.484	ng	96
57) 2,4-Dinitrotoluene	14.772	165	446620	43.722	ng	99
58) Fluorene	15.466	166	1285799	40.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	365135	41.718	ng	100
60) Diethylphthalate	15.237	149	1438280	41.670	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	640441	40.522	ng	98
62) 4-Nitroaniline	15.484	138	362298	43.872	ng	98
63) Azobenzene	15.754	77	1264906	42.799	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	277206	45.462	ng	93
66) n-Nitrosodiphenylamine	15.672	169	1160960	38.921	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	425056	39.510	ng	98
68) Hexachlorobenzene	16.495	284	501785	40.236	ng	96
69) Atrazine	16.648	200	458294	41.026	ng	99
70) Pentachlorophenol	16.854	266	303401	38.540	ng	98
71) Phenanthrene	17.248	178	2085730	38.815	ng	99
72) Anthracene	17.337	178	2177823	39.688	ng	100
73) Carbazole	17.625	167	2047731	39.618	ng	99
74) Di-n-butylphthalate	18.213	149	2675162	42.068	ng	99
75) Fluoranthene	19.336	202	2590880	40.422	ng	99
77) Benzidine	19.519	184	1317371	37.234	ng	99
78) Pyrene	19.713	202	2686396	39.867	ng	99
80) Butylbenzylphthalate	20.642	149	1305936	42.763	ng	99
81) Benzo(a)anthracene	21.619	228	2693701	39.398	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	1024594	39.757	ng	98
83) Chrysene	21.689	228	2553149	39.874	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1832953	40.773	ng	99
85) Di-n-octyl phthalate	22.830	149	3203052	41.423	ng	98
87) Indeno(1,2,3-cd)pyrene	28.836	276	3360807	38.915	ng	# 80
88) Benzo(b)fluoranthene	23.936	252	2744704	39.525	ng	100
89) Benzo(k)fluoranthene	24.019	252	2754230	39.635	ng	99
90) Benzo(a)pyrene	24.854	252	2682309	39.681	ng	99
91) Dibenzo(a,h)anthracene	28.918	278	2770600	39.257	ng	99
92) Benzo(g,h,i)perylene	30.030	276	2704833	38.988	ng	100

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

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