

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
 Data File : BP025785.D
 Acq On : 18 Sep 2025 17:24
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 18 18:22:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	161596	20.000	ng	0.00
21) Naphthalene-d8	10.519	136	642758	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	424090	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	848599	20.000	ng	0.00
76) Chrysene-d12	21.624	240	860847	20.000	ng	-0.02
86) Perylene-d12	24.983	264	947272	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	800845	79.965	ng	0.00
7) Phenol-d6	6.943	99	1035558	77.793	ng	0.00
23) Nitrobenzene-d5	8.896	82	1148164	78.796	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	399345	75.495	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	2457773	77.166	ng	0.00
79) Terphenyl-d14	19.907	244	3673999	76.779	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.308	88	166782	39.679	ng	98
3) Pyridine	3.708	79	448158	38.721	ng	99
4) n-Nitrosodimethylamine	3.614	42	207976	38.081	ng	100
6) Aniline	7.090	93	691454	37.839	ng	99
8) 2-Chlorophenol	7.331	128	432257	39.343	ng	99
9) Benzaldehyde	6.908	77	342055	42.871	ng	97
10) Phenol	6.966	94	546840	38.959	ng	98
11) bis(2-Chloroethyl)ether	7.184	93	437462	38.792	ng	96
12) 1,3-Dichlorobenzene	7.643	146	489237	39.126	ng	98
13) 1,4-Dichlorobenzene	7.790	146	488060	38.317	ng	99
14) 1,2-Dichlorobenzene	8.102	146	473697	38.282	ng	99
15) Benzyl Alcohol	7.990	79	410958	37.360	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	726842	39.412	ng	99
17) 2-Methylphenol	8.196	107	357230	37.749	ng	99
18) Hexachloroethane	8.819	117	188747	38.795	ng	94
19) n-Nitroso-di-n-propyla...	8.549	70	359451	38.715	ng	99
20) 3+4-Methylphenols	8.519	107	492145	37.134	ng	98
22) Acetophenone	8.566	105	678593	39.506	ng	# 100
24) Nitrobenzene	8.937	77	516096	39.481	ng	100
25) Isophorone	9.466	82	989557	38.637	ng	99
26) 2-Nitrophenol	9.643	139	229075	39.470	ng	97
27) 2,4-Dimethylphenol	9.707	122	408119	40.083	ng	100
28) bis(2-Chloroethoxy)met...	9.931	93	589506	39.818	ng	99
29) 2,4-Dichlorophenol	10.184	162	402364	39.635	ng	99
30) 1,2,4-Trichlorobenzene	10.390	180	450540	39.379	ng	97
31) Naphthalene	10.572	128	1338162	38.611	ng	100
32) Benzoic acid	9.872	122	286983	37.911	ng	95
33) 4-Chloroaniline	10.684	127	578146	40.022	ng	99
34) Hexachlorobutadiene	10.854	225	287235	39.000	ng	99
35) Caprolactam	11.478	113	145857	37.272	ng	97
36) 4-Chloro-3-methylphenol	11.819	107	462109	38.181	ng	98
37) 2-Methylnaphthalene	12.178	142	847762	38.084	ng	99
38) 1-Methylnaphthalene	12.407	142	906860	38.203	ng	99
40) 1,2,4,5-Tetrachloroben...	12.549	216	507285	39.474	ng	100
41) Hexachlorocyclopentadiene	12.531	237	269527	38.508	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	341882	40.468	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	371044	39.463	ng	99
46) 1,1'-Biphenyl	13.196	154	1237452	39.753	ng	100
47) 2-Chloronaphthalene	13.237	162	950731	38.789	ng	99
48) 2-Nitroaniline	13.454	65	331446	40.566	ng	100
49) Acenaphthylene	14.095	152	1589514	39.140	ng	100
50) Dimethylphthalate	13.837	163	1249809	38.601	ng	99
51) 2,6-Dinitrotoluene	13.943	165	268109	39.084	ng	94
52) Acenaphthene	14.443	154	903547	38.580	ng	100
53) 3-Nitroaniline	14.284	138	284898	39.495	ng	95
54) 2,4-Dinitrophenol	14.507	184	146648	35.722	ng	96
55) Dibenzofuran	14.778	168	1480112	38.776	ng	100
56) 4-Nitrophenol	14.631	139	201908	35.164	ng	99
57) 2,4-Dinitrotoluene	14.748	165	388969	39.844	ng	98
58) Fluorene	15.442	166	1166847	38.443	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.013	232	325021	38.374	ng	99
60) Diethylphthalate	15.213	149	1271903	38.727	ng	99
61) 4-Chlorophenyl-phenyle...	15.431	204	581758	38.031	ng	99
62) 4-Nitroaniline	15.466	138	300383	40.647	ng	98
63) Azobenzene	15.737	77	1236085	38.924	ng	99
65) 4,6-Dinitro-2-methylph...	15.537	198	223973	39.687	ng	98
66) n-Nitrosodiphenylamine	15.660	169	1031718	39.729	ng	99
67) 4-Bromophenyl-phenylether	16.354	248	369203	39.603	ng	99
68) Hexachlorobenzene	16.466	284	403877	38.848	ng	99
69) Atrazine	16.642	200	386131	38.898	ng	98
70) Pentachlorophenol	16.831	266	262139	38.204	ng	96
71) Phenanthrene	17.225	178	1866075	38.766	ng	99
72) Anthracene	17.319	178	1924697	39.407	ng	100
73) Carbazole	17.601	167	1766262	38.898	ng	99
74) Di-n-butylphthalate	18.195	149	2213709	39.726	ng	100
75) Fluoranthene	19.313	202	2207227	38.232	ng	99
77) Benzidine	19.507	184	1292998	52.143	ng	99
78) Pyrene	19.689	202	2279377	39.683	ng	99
80) Butylbenzylphthalate	20.630	149	1032274	40.987	ng	100
81) Benzo(a)anthracene	21.601	228	2268518	38.492	ng	100
82) 3,3'-Dichlorobenzidine	21.524	252	815133	40.001	ng	99
83) Chrysene	21.672	228	2229581	39.686	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	1492666	40.510	ng	98
85) Di-n-octyl phthalate	22.813	149	2614261	39.886	ng	99
87) Indeno(1,2,3-cd)pyrene	28.818	276	2725067	39.558	ng	# 84
88) Benzo(b)fluoranthene	23.930	252	2306646	39.819	ng	99
89) Benzo(k)fluoranthene	23.995	252	2299999	38.910	ng	99
90) Benzo(a)pyrene	24.836	252	2211772	38.989	ng	100
91) Dibenzo(a,h)anthracene	28.906	278	2222886	39.432	ng	98
92) Benzo(g,h,i)perylene	30.018	276	2201360	39.708	ng	98

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

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