

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092625\
 Data File : BP025869.D
 Acq On : 26 Sep 2025 14:06
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 26 14:40:45 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	7.743	152	176254	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	682707	20.000	ng	-0.01
39) Acenaphthene-d10	14.360	164	463858	20.000	ng	-0.02
64) Phenanthrene-d10	17.178	188	989994	20.000	ng	0.00
76) Chrysene-d12	21.630	240	1089766	20.000	ng	-0.01
86) Perylene-d12	25.001	264	1210922	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	878766	80.448	ng	0.00
7) Phenol-d6	6.943	99	1107646	76.289	ng	0.00
23) Nitrobenzene-d5	8.890	82	1200578	77.572	ng	-0.01
42) 2,4,6-Tribromophenol	15.895	330	571578	98.791	ng	-0.01
45) 2-Fluorobiphenyl	12.972	172	2842237	81.586	ng	-0.02
79) Terphenyl-d14	19.901	244	4991942	82.407	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.302	88	171779	37.469	ng	93
3) Pyridine	3.702	79	464175	36.769	ng	92
4) n-Nitrosodimethylamine	3.608	42	187569	31.488	ng	84
6) Aniline	7.084	93	736771	36.966	ng	98
8) 2-Chlorophenol	7.325	128	478467	39.928	ng	96
9) Benzaldehyde	6.896	77	422006	48.493	ng	97
10) Phenol	6.972	94	574233	37.508	ng	95
11) bis(2-Chloroethyl)ether	7.172	93	459898	37.390	ng	93
12) 1,3-Dichlorobenzene	7.637	146	546727	40.087	ng	98
13) 1,4-Dichlorobenzene	7.778	146	546480	39.336	ng	99
14) 1,2-Dichlorobenzene	8.090	146	532544	39.458	ng	99
15) Benzyl Alcohol	7.990	79	440224	36.693	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.255	45	643166	31.975	ng	96
17) 2-Methylphenol	8.196	107	390915	37.873	ng	98
18) Hexachloroethane	8.807	117	209032	39.391	ng	94
19) n-Nitroso-di-n-propyla...	8.537	70	371817	36.716	ng	92
20) 3+4-Methylphenols	8.519	107	526606	36.430	ng	98
22) Acetophenone	8.560	105	737308	40.413	ng	# 95
24) Nitrobenzene	8.931	77	530281	38.192	ng	97
25) Isophorone	9.455	82	1048225	38.533	ng	98
26) 2-Nitrophenol	9.643	139	273801	44.416	ng	92
27) 2,4-Dimethylphenol	9.713	122	433214	40.058	ng	99
28) bis(2-Chloroethoxy)met...	9.919	93	626749	39.857	ng	100
29) 2,4-Dichlorophenol	10.190	162	456964	42.380	ng	98
30) 1,2,4-Trichlorobenzene	10.378	180	519496	42.750	ng	99
31) Naphthalene	10.560	128	1452189	39.449	ng	99
32) Benzoic acid	9.890	122	335237	41.694	ng	97
33) 4-Chloroaniline	10.678	127	627861	40.921	ng	98
34) Hexachlorobutadiene	10.843	225	353622	45.204	ng	98
35) Caprolactam	11.496	113	194599	46.817	ng	# 85
36) 4-Chloro-3-methylphenol	11.831	107	513769	39.965	ng	96
37) 2-Methylnaphthalene	12.172	142	941601	39.825	ng	99
38) 1-Methylnaphthalene	12.396	142	1006276	39.911	ng	99
40) 1,2,4,5-Tetrachloroben...	12.548	216	605928	43.108	ng	98
41) Hexachlorocyclopentadiene	12.519	237	350286	45.756	ng	99
43) 2,4,6-Trichlorophenol	12.807	196	398368	43.111	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	436429	42.438	ng	96
46) 1,1'-Biphenyl	13.195	154	1377473	40.457	ng	99
47) 2-Chloronaphthalene	13.237	162	1072100	39.990	ng	100
48) 2-Nitroaniline	13.454	65	330160	36.945	ng	91
49) Acenaphthylene	14.084	152	1764086	39.714	ng	99
50) Dimethylphthalate	13.825	163	1444732	40.795	ng	100
51) 2,6-Dinitrotoluene	13.948	165	308522	41.120	ng	90
52) Acenaphthene	14.431	154	1007820	39.343	ng	99
53) 3-Nitroaniline	14.284	138	311012	39.418	ng	98
54) 2,4-Dinitrophenol	14.507	184	202911	43.911	ng	97
55) Dibenzofuran	14.778	168	1663260	39.839	ng	99
56) 4-Nitrophenol	14.666	139	288116	44.510	ng	95
57) 2,4-Dinitrotoluene	14.748	165	455668	42.674	ng	89
58) Fluorene	15.442	166	1340412	40.376	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	411692	44.440	ng	92
60) Diethylphthalate	15.207	149	1465848	40.806	ng	98
61) 4-Chlorophenyl-phenyle...	15.431	204	712034	42.557	ng	95
62) 4-Nitroaniline	15.478	138	334290	41.357	ng	95
63) Azobenzene	15.725	77	1279646	36.841	ng	95
65) 4,6-Dinitro-2-methylph...	15.542	198	303577	46.110	ng	85
66) n-Nitrosodiphenylamine	15.648	169	1196112	39.481	ng	99
67) 4-Bromophenyl-phenylether	16.342	248	470928	43.300	ng	96
68) Hexachlorobenzene	16.466	284	541109	44.615	ng	# 89
69) Atrazine	16.637	200	491257	42.421	ng	97
70) Pentachlorophenol	16.831	266	342886	42.835	ng	99
71) Phenanthrene	17.219	178	2169078	38.624	ng	99
72) Anthracene	17.313	178	2253131	39.543	ng	99
73) Carbazole	17.601	167	2106003	39.755	ng	99
74) Di-n-butylphthalate	18.183	149	2686090	41.319	ng	99
75) Fluoranthene	19.319	202	2725333	40.464	ng	99
77) Benzidine	19.513	184	1286334	40.978	ng	99
78) Pyrene	19.695	202	2796781	38.462	ng	99
80) Butylbenzylphthalate	20.625	149	1303555	40.886	ng	96
81) Benzo(a)anthracene	21.613	228	3005413	40.283	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	1100172	42.647	ng	99
83) Chrysene	21.677	228	2811184	39.528	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	1912321	40.997	ng	100
85) Di-n-octyl phthalate	22.813	149	3407823	41.071	ng	97
87) Indeno(1,2,3-cd)pyrene	28.830	276	3615025	41.052	ng	# 80
88) Benzo(b)fluoranthene	23.924	252	2950300	39.842	ng	99
89) Benzo(k)fluoranthene	23.995	252	3030664	40.108	ng	98
90) Benzo(a)pyrene	24.836	252	2915418	40.203	ng	98
91) Dibenzo(a,h)anthracene	28.906	278	2989176	41.480	ng	98
92) Benzo(g,h,i)perylene	30.024	276	2923989	41.259	ng	96

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

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