

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111425\
 Data File : BP026137.D
 Acq On : 14 Nov 2025 11:41
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Nov 14 12:01:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	380336	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1556305	20.000	ng	-0.01
39) Acenaphthene-d10	14.319	164	1006582	20.000	ng	0.00
64) Phenanthrene-d10	17.136	188	1991415	20.000	ng	0.01
76) Chrysene-d12	21.583	240	2049787	20.000	ng	0.02
86) Perylene-d12	24.907	264	2422076	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1951681	84.674	ng	0.00
7) Phenol-d6	6.860	99	2504116	85.356	ng	0.00
23) Nitrobenzene-d5	8.819	82	2259344	90.501	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	1070581	98.380	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	5412330	77.262	ng	-0.01
79) Terphenyl-d14	19.877	244	8144850	80.729	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.231	88	392866	40.431	ng	97
3) Pyridine	3.625	79	1127713	40.826	ng	97
4) n-Nitrosodimethylamine	3.537	42	426067	38.485	ng	89
6) Aniline	7.013	93	1598872	40.836	ng	99
8) 2-Chlorophenol	7.249	128	1121672	43.946	ng	97
9) Benzaldehyde	6.825	77	585518	38.393	ng	98
10) Phenol	6.884	94	1357855	41.691	ng	100
11) bis(2-Chloroethyl)ether	7.107	93	1055034	41.047	ng	98
12) 1,3-Dichlorobenzene	7.566	146	1182001	40.325	ng	99
13) 1,4-Dichlorobenzene	7.713	146	1201461	40.540	ng	99
14) 1,2-Dichlorobenzene	8.025	146	1143037	40.419	ng	98
15) Benzyl Alcohol	7.907	79	913559	43.195	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.190	45	1482685	38.167	ng	98
17) 2-Methylphenol	8.113	107	907041	42.530	ng	99
18) Hexachloroethane	8.743	117	438265	43.216	ng	100
19) n-Nitroso-di-n-propyla...	8.472	70	767752	42.158	ng	96
20) 3+4-Methylphenols	8.437	107	1259752	42.460	ng	99
22) Acetophenone	8.484	105	1579609	40.133	ng	98
24) Nitrobenzene	8.854	77	1148574	43.575	ng	100
25) Isophorone	9.384	82	2222933	41.601	ng	99
26) 2-Nitrophenol	9.560	139	616447	62.670	ng	95
27) 2,4-Dimethylphenol	9.631	122	924106	41.125	ng	100
28) bis(2-Chloroethoxy)met...	9.860	93	1395999	41.454	ng	99
29) 2,4-Dichlorophenol	10.096	162	1052741	44.371	ng	99
30) 1,2,4-Trichlorobenzene	10.313	180	1055636	40.935	ng	99
31) Naphthalene	10.496	128	3388522	39.927	ng	100
32) Benzoic acid	9.772	122	819390	56.559	ng	98
33) 4-Chloroaniline	10.595	127	1353161	41.492	ng	100
34) Hexachlorobutadiene	10.790	225	683739	41.723	ng	99
35) Caprolactam	11.390	113	371168	44.549	ng	90
36) 4-Chloro-3-methylphenol	11.731	107	1107422	44.525	ng	99
37) 2-Methylnaphthalene	12.107	142	2398462	40.378	ng	99
38) 1-Methylnaphthalene	12.331	142	2321777	40.234	ng	100
40) 1,2,4,5-Tetrachloroben...	12.478	216	1246449	39.853	ng	99
41) Hexachlorocyclopentadiene	12.466	237	544778	47.607	ng	98
43) 2,4,6-Trichlorophenol	12.719	196	864215	46.748	ng	100

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44) 2,4,5-Trichlorophenol	12.795	196	948433	44.962	ng	100
46) 1,1'-Biphenyl	13.125	154	2989777	38.791	ng	100
47) 2-Chloronaphthalene	13.166	162	2374317	39.153	ng	100
48) 2-Nitroaniline	13.372	65	698719	44.968	ng	100
49) Acenaphthylene	14.031	152	3509126	39.702	ng	100
50) Dimethylphthalate	13.766	163	2961259	40.445	ng	100
51) 2,6-Dinitrotoluene	13.878	165	634764	46.531	ng	95
52) Acenaphthene	14.384	154	2338298	38.537	ng	99
53) 3-Nitroaniline	14.207	138	728031	44.349	ng	# 99
54) 2,4-Dinitrophenol	14.425	184	368985	63.260	ng	91
55) Dibenzofuran	14.731	168	3558807	38.820	ng	98
56) 4-Nitrophenol	14.531	139	646844	44.305	ng	95
57) 2,4-Dinitrotoluene	14.684	165	941655	46.960	ng	94
58) Fluorene	15.389	166	2775553	38.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.954	232	813469	49.047	ng	99
60) Diethylphthalate	15.166	149	3026684	41.119	ng	99
61) 4-Chlorophenyl-phenyle...	15.389	204	1395124	38.898	ng	99
62) 4-Nitroaniline	15.401	138	734141	46.923	ng	96
63) Azobenzene	15.689	77	2615237	39.203	ng	97
65) 4,6-Dinitro-2-methylph...	15.466	198	532549	60.951	ng	94
66) n-Nitrosodiphenylamine	15.601	169	2486627	39.937	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	928029	42.011	ng	100
68) Hexachlorobenzene	16.425	284	1054722	41.942	ng	97
69) Atrazine	16.589	200	873749	41.598	ng	98
70) Pentachlorophenol	16.772	266	731466	47.621	ng	100
71) Phenanthrene	17.177	178	4536773	39.140	ng	99
72) Anthracene	17.266	178	4657231	40.534	ng	99
73) Carbazole	17.548	167	4377195	40.246	ng	99
74) Di-n-butylphthalate	18.160	149	5397735	44.353	ng	100
75) Fluoranthene	19.272	202	5430156	40.161	ng	99
77) Benzidine	19.466	184	2017491	38.776	ng	98
78) Pyrene	19.648	202	5734342	41.363	ng	99
80) Butylbenzylphthalate	20.619	149	2518184	48.605	ng	96
81) Benzo(a)anthracene	21.566	228	5647447	40.094	ng	99
82) 3,3'-Dichlorobenzidine	21.489	252	2059233	45.374	ng	100
83) Chrysene	21.630	228	5401002	40.478	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3751774	45.555	ng	97
85) Di-n-octyl phthalate	22.813	149	6641445	54.429	ng	97
87) Indeno(1,2,3-cd)pyrene	28.718	276	7303051m	40.841	ng	
88) Benzo(b)fluoranthene	23.871	252	5886821	39.151	ng	100
89) Benzo(k)fluoranthene	23.936	252	5973002	38.901	ng	99
90) Benzo(a)pyrene	24.759	252	5578083	40.381	ng	99
91) Dibenzo(a,h)anthracene	28.795	278	5908419	40.603	ng	99
92) Benzo(g,h,i)perylene	29.894	276	5724403	40.880	ng	98

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

