

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121525\
 Data File : BP026321.D
 Acq On : 15 Dec 2025 12:03
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 16 04:22:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 16 04:20:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	300235	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	1161636	20.000	ng	0.00
39) Acenaphthene-d10	14.278	164	752543	20.000	ng	0.00
64) Phenanthrene-d10	17.084	188	1547172	20.000	ng	0.00
76) Chrysene-d12	21.536	240	1470984	20.000	ng	0.00
86) Perylene-d12	24.836	264	1463600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1478519	79.043	ng	0.00
7) Phenol-d6	6.843	99	1810629	76.035	ng	0.00
23) Nitrobenzene-d5	8.790	82	1688035	82.542	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	928417	95.102	ng	0.00
45) 2-Fluorobiphenyl	12.890	172	4419288	86.067	ng	0.00
79) Terphenyl-d14	19.825	244	6773927	93.899	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.214	88	303166	39.959	ng	96
3) Pyridine	3.608	79	845127	38.545	ng	97
4) n-Nitrosodimethylamine	3.514	42	306210	37.368	ng	97
6) Aniline	6.990	93	1119995	35.622	ng	99
8) 2-Chlorophenol	7.225	128	857800	40.288	ng	99
9) Benzaldehyde	6.802	77	585084	46.885	ng	99
10) Phenol	6.872	94	965062	37.619	ng	98
11) bis(2-Chloroethyl)ether	7.084	93	764316	38.052	ng	97
12) 1,3-Dichlorobenzene	7.543	146	959391	41.825	ng	98
13) 1,4-Dichlorobenzene	7.684	146	952848	41.224	ng	98
14) 1,2-Dichlorobenzene	7.996	146	913555	41.160	ng	100
15) Benzyl Alcohol	7.890	79	674611	38.669	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.172	45	1038506	36.815	ng	97
17) 2-Methylphenol	8.096	107	674998	38.653	ng	99
18) Hexachloroethane	8.713	117	352486	41.912	ng	94
19) n-Nitroso-di-n-propyla...	8.449	70	567457	38.358	ng	98
20) 3+4-Methylphenols	8.413	107	916717	37.883	ng	100
22) Acetophenone	8.460	105	1207542	40.897	ng	98
24) Nitrobenzene	8.831	77	853501	41.259	ng	100
25) Isophorone	9.355	82	1662194	40.999	ng	98
26) 2-Nitrophenol	9.537	139	472114	45.102	ng	97
27) 2,4-Dimethylphenol	9.602	122	700154	37.094	ng	98
28) bis(2-Chloroethoxy)met...	9.831	93	1017153	40.060	ng	99
29) 2,4-Dichlorophenol	10.066	162	814134	43.155	ng	99
30) 1,2,4-Trichlorobenzene	10.278	180	851212	44.310	ng	98
31) Naphthalene	10.460	128	2610042	41.574	ng	99
32) Benzoic acid	9.778	122	774110	48.701	ng	98
33) 4-Chloroaniline	10.572	127	1039321	38.928	ng	100
34) Hexachlorobutadiene	10.749	225	592028	47.385	ng	99
35) Caprolactam	11.366	113	274951	40.702	ng	90
36) 4-Chloro-3-methylphenol	11.707	107	848068	42.296	ng	99
37) 2-Methylnaphthalene	12.078	142	1866290	41.932	ng	99
38) 1-Methylnaphthalene	12.296	142	1819257	41.820	ng	99
40) 1,2,4,5-Tetrachloroben...	12.460	216	1021570	44.895	ng	99
41) Hexachlorocyclopentadiene	12.437	237	613966	41.227	ng	99
43) 2,4,6-Trichlorophenol	12.696	196	688009	44.103	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	768686	44.143	ng	97
46) 1,1'-Biphenyl	13.101	154	2373195	41.880	ng	98
47) 2-Chloronaphthalene	13.148	162	1847913	41.470	ng	100
48) 2-Nitroaniline	13.343	65	510363	41.187	ng	98
49) Acenaphthylene	13.995	152	3074087	41.824	ng	100
50) Dimethylphthalate	13.737	163	2423521	43.118	ng	100
51) 2,6-Dinitrotoluene	13.854	165	502564	45.125	ng	92
52) Acenaphthene	14.348	154	1762686	40.923	ng	99
53) 3-Nitroaniline	14.184	138	528837	40.329	ng	97
54) 2,4-Dinitrophenol	14.401	184	408523	60.766	ng	96
55) Dibenzofuran	14.684	168	2791999	41.850	ng	99
56) 4-Nitrophenol	14.519	139	389595	32.842	ng	95
57) 2,4-Dinitrotoluene	14.654	165	745262	44.816	ng	94
58) Fluorene	15.342	166	2249496	42.659	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.913	232	651831	44.124	ng	97
60) Diethylphthalate	15.137	149	2431109	42.936	ng	100
61) 4-Chlorophenyl-phenyle...	15.348	204	1155900	44.056	ng	95
62) 4-Nitroaniline	15.366	138	538135	39.519	ng	97
63) Azobenzene	15.648	77	1890627	39.601	ng	97
65) 4,6-Dinitro-2-methylph...	15.431	198	486022	49.448	ng	98
66) n-Nitrosodiphenylamine	15.566	169	1954635	40.840	ng	100
67) 4-Bromophenyl-phenylether	16.266	248	759828	44.345	ng	97
68) Hexachlorobenzene	16.378	284	900338	45.283	ng	96
69) Atrazine	16.554	200	699506	38.759	ng	98
70) Pentachlorophenol	16.737	266	584644	42.036	ng	100
71) Phenanthrene	17.131	178	3606659	41.382	ng	100
72) Anthracene	17.231	178	3668047	41.263	ng	100
73) Carbazole	17.501	167	3302877	39.119	ng	100
74) Di-n-butylphthalate	18.101	149	4201255	41.973	ng	100
75) Fluoranthene	19.225	202	4300205	40.608	ng	98
77) Benzidine	19.425	184	1615778	34.612	ng	100
78) Pyrene	19.601	202	4405451	45.676	ng	99
80) Butylbenzylphthalate	20.560	149	1894473	44.602	ng	97
81) Benzo(a)anthracene	21.519	228	4155933	41.137	ng	100
82) 3,3'-Dichlorobenzidine	21.436	252	1417538	38.585	ng	99
83) Chrysene	21.583	228	3929477	41.272	ng	99
84) Bis(2-ethylhexyl)phtha...	21.472	149	2695088	41.916	ng	99
85) Di-n-octyl phthalate	22.730	149	4419904	39.312	ng	97
87) Indeno(1,2,3-cd)pyrene	28.554	276	4558675	41.531	ng	97
88) Benzo(b)fluoranthene	23.795	252	3816692	42.821	ng	98
89) Benzo(k)fluoranthene	23.866	252	3892925	43.728	ng	99
90) Benzo(a)pyrene	24.683	252	3578049	42.380	ng	99
91) Dibenzo(a,h)anthracene	28.654	278	3713973	41.333	ng	98
92) Benzo(g,h,i)perylene	29.712	276	3677212	41.174	ng	98

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

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