

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
 Data File : BP026190.D
 Acq On : 26 Nov 2025 14:04
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	263413	20.000	ng	0.00
21) Naphthalene-d8	10.425	136	1101921	20.000	ng	-0.02
39) Acenaphthene-d10	14.289	164	729934	20.000	ng	-0.04
64) Phenanthrene-d10	17.095	188	1501838	20.000	ng	-0.04
76) Chrysene-d12	21.554	240	1698646	20.000	ng	-0.02
86) Perylene-d12	24.854	264	1917737	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1248456	76.074	ng	0.00
7) Phenol-d6	6.843	99	1618523	77.469	ng	-0.01
23) Nitrobenzene-d5	8.802	82	1493914	77.009	ng	-0.01
42) 2,4,6-Tribromophenol	15.801	330	826370	87.271	ng	-0.04
45) 2-Fluorobiphenyl	12.901	172	4055063	81.419	ng	-0.03
79) Terphenyl-d14	19.842	244	6759101	81.136	ng	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.219	88	256101	38.474	ng	97
3) Pyridine	3.614	79	715259	37.182	ng	99
4) n-Nitrosodimethylamine	3.525	42	263457	36.645	ng	98
6) Aniline	6.996	93	1038726	37.655	ng	98
8) 2-Chlorophenol	7.237	128	739094	39.566	ng	98
9) Benzaldehyde	6.813	77	452788	41.356	ng	98
10) Phenol	6.872	94	863743	38.377	ng	99
11) bis(2-Chloroethyl)ether	7.096	93	682788	38.745	ng	97
12) 1,3-Dichlorobenzene	7.555	146	818414	40.666	ng	99
13) 1,4-Dichlorobenzene	7.696	146	818117	40.343	ng	98
14) 1,2-Dichlorobenzene	8.013	146	787199	40.425	ng	99
15) Benzyl Alcohol	7.896	79	574931	37.562	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.184	45	941375	38.036	ng	99
17) 2-Methylphenol	8.102	107	601748	39.275	ng	99
18) Hexachloroethane	8.731	117	295793	40.088	ng	97
19) n-Nitroso-di-n-propyla...	8.460	70	511237	39.388	ng	98
20) 3+4-Methylphenols	8.425	107	819398	38.595	ng	99
22) Acetophenone	8.472	105	1091058	38.955	ng	98
24) Nitrobenzene	8.843	77	760136	38.737	ng	99
25) Isophorone	9.366	82	1493828	38.843	ng	99
26) 2-Nitrophenol	9.543	139	392413	39.520	ng	99
27) 2,4-Dimethylphenol	9.613	122	633851	35.401	ng	99
28) bis(2-Chloroethoxy)met...	9.843	93	919252	38.166	ng	99
29) 2,4-Dichlorophenol	10.078	162	720254	40.248	ng	98
30) 1,2,4-Trichlorobenzene	10.290	180	746589	40.970	ng	98
31) Naphthalene	10.478	128	2372932	39.846	ng	99
32) Benzoic acid	9.743	122	510860	33.881	ng	98
33) 4-Chloroaniline	10.578	127	978759	38.647	ng	99
34) Hexachlorobutadiene	10.772	225	493691	41.656	ng	100
35) Caprolactam	11.360	113	248100	38.718	ng	91
36) 4-Chloro-3-methylphenol	11.713	107	755363	39.714	ng	97
37) 2-Methylnaphthalene	12.090	142	1706137	40.411	ng	99
38) 1-Methylnaphthalene	12.313	142	1661885	40.272	ng	99
40) 1,2,4,5-Tetrachloroben...	12.466	216	901725	40.855	ng	99
41) Hexachlorocyclopentadiene	12.454	237	483317	33.460	ng	99
43) 2,4,6-Trichlorophenol	12.707	196	612040	40.449	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	694591	41.124	ng	98
46) 1,1'-Biphenyl	13.113	154	2169418	39.470	ng	100
47) 2-Chloronaphthalene	13.154	162	1702157	39.383	ng	99
48) 2-Nitroaniline	13.348	65	450973	37.522	ng	96
49) Acenaphthylene	14.007	152	2839199	39.825	ng	99
50) Dimethylphthalate	13.742	163	2165861	39.727	ng	100
51) 2,6-Dinitrotoluene	13.854	165	446556	41.338	ng	97
52) Acenaphthene	14.354	154	1661341	39.764	ng	99
53) 3-Nitroaniline	14.190	138	488917	38.439	ng	96
54) 2,4-Dinitrophenol	14.395	184	250898	38.476	ng	96
55) Dibenzofuran	14.695	168	2624031	40.551	ng	99
56) 4-Nitrophenol	14.507	139	418838	36.400	ng	97
57) 2,4-Dinitrotoluene	14.654	165	666504	41.321	ng	95
58) Fluorene	15.354	166	2092220	40.906	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.925	232	597629	41.708	ng	98
60) Diethylphthalate	15.137	149	2174197	39.588	ng	100
61) 4-Chlorophenyl-phenyle...	15.354	204	1047106	41.145	ng	96
62) 4-Nitroaniline	15.372	138	491993	37.250	ng	97
63) Azobenzene	15.648	77	1802077	38.915	ng	99
65) 4,6-Dinitro-2-methylph...	15.431	198	376279	39.438	ng	97
66) n-Nitrosodiphenylamine	15.566	169	1842181	39.653	ng	100
67) 4-Bromophenyl-phenylether	16.266	248	688291	41.382	ng	98
68) Hexachlorobenzene	16.384	284	802858	41.599	ng	98
69) Atrazine	16.554	200	688566	39.304	ng	98
70) Pentachlorophenol	16.736	266	555725	41.163	ng	100
71) Phenanthrene	17.142	178	3367094	39.799	ng	100
72) Anthracene	17.231	178	3484195	40.378	ng	100
73) Carbazole	17.513	167	3227979	39.386	ng	100
74) Di-n-butylphthalate	18.119	149	3906329	40.204	ng	100
75) Fluoranthene	19.236	202	4157376	40.445	ng	99
77) Benzidine	19.436	184	1951189	36.195	ng	99
78) Pyrene	19.619	202	4329577	38.873	ng	100
80) Butylbenzylphthalate	20.583	149	1884921	38.429	ng	98
81) Benzo(a)anthracene	21.530	228	4598164	39.415	ng	100
82) 3,3'-Dichlorobenzidine	21.454	252	1598958	37.690	ng	99
83) Chrysene	21.601	228	4355108	39.612	ng	100
84) Bis(2-ethylhexyl)phtha...	21.495	149	2844628	38.312	ng	99
85) Di-n-octyl phthalate	22.771	149	4859112	37.427	ng	98
87) Indeno(1,2,3-cd)pyrene	28.606	276	5979554	41.575	ng	# 93
88) Benzo(b)fluoranthene	23.813	252	4832663	41.380	ng	99
89) Benzo(k)fluoranthene	23.889	252	4745420	40.681	ng	99
90) Benzo(a)pyrene	24.701	252	4489730	40.585	ng	99
91) Dibenzo(a,h)anthracene	28.683	278	4879387	41.444	ng	99
92) Benzo(g,h,i)perylene	29.759	276	4850424	41.449	ng	98

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

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