

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
 Data File : BG064636.D
 Acq On : 30 Oct 2025 11:36
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 04 04:21:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.219	152	32501	20.000	ng	0.00
21) Naphthalene-d8	11.045	136	127691	20.000	ng	0.00
39) Acenaphthene-d10	14.841	164	94503	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	210658	20.000	ng	0.00
76) Chrysene-d12	21.856	240	257813	20.000	ng	0.00
86) Perylene-d12	25.199	264	295961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.745	112	160336	82.805	ng	0.00
7) Phenol-d6	7.355	99	208374	78.424	ng	0.00
23) Nitrobenzene-d5	9.382	82	214287	100.795	ng	0.00
42) 2,4,6-Tribromophenol	16.315	330	119915	87.917	ng	0.00
45) 2-Fluorobiphenyl	13.472	172	539428	86.520	ng	0.00
79) Terphenyl-d14	20.170	244	1075391	78.718	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.589	88	35491	41.400	ng	98
3) Pyridine	3.995	79	105689	41.054	ng	98
4) n-Nitrosodimethylamine	3.906	42	56991	41.282	ng	99
6) Aniline	7.532	93	136655	37.797	ng	97
8) 2-Chlorophenol	7.778	128	88994	43.910	ng	99
9) Benzaldehyde	7.338	77	55986	38.596	ng	93
10) Phenol	7.379	94	114461	38.953	ng	96
11) bis(2-Chloroethyl)ether	7.626	93	84261	39.002	ng	97
12) 1,3-Dichlorobenzene	8.107	146	101335	43.441	ng	93
13) 1,4-Dichlorobenzene	8.254	146	100871	42.528	ng	95
14) 1,2-Dichlorobenzene	8.577	146	98266	42.953	ng	99
15) Benzyl Alcohol	8.448	79	90352	41.237	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.736	45	231528	40.856	ng	99
17) 2-Methylphenol	8.648	107	79347	40.671	ng	97
18) Hexachloroethane	9.318	117	38071	45.739	ng	95
19) n-Nitroso-di-n-propyla...	9.024	70	72573	39.522	ng	96
20) 3+4-Methylphenols	8.977	107	105306	38.381	ng	97
22) Acetophenone	9.042	105	142610	40.856	ng	97
24) Nitrobenzene	9.424	77	111858	48.375	ng	98
25) Isophorone	9.952	82	206469	40.473	ng	98
26) 2-Nitrophenol	10.140	139	46050	51.379	ng	# 90
27) 2,4-Dimethylphenol	10.193	122	81767	43.090	ng	91
28) bis(2-Chloroethoxy)met...	10.434	93	117360	40.406	ng	99
29) 2,4-Dichlorophenol	10.681	162	92269	45.182	ng	97
30) 1,2,4-Trichlorobenzene	10.904	180	101552	43.767	ng	97
31) Naphthalene	11.098	128	295608	41.755	ng	99
32) Benzoic acid	10.299	122	58855	41.641	ng	98
33) 4-Chloroaniline	11.186	127	107772	39.165	ng	97
34) Hexachlorobutadiene	11.386	225	81632	44.987	ng	93
35) Caprolactam	11.950	113	27064	34.554	ng	# 88
36) 4-Chloro-3-methylphenol	12.291	107	99554	40.557	ng	97
37) 2-Methylnaphthalene	12.684	142	215078	41.379	ng	97
38) 1-Methylnaphthalene	12.902	142	208518	40.524	ng	98
40) 1,2,4,5-Tetrachloroben...	13.049	216	144011	45.407	ng	99
41) Hexachlorocyclopentadiene	13.031	237	78048	54.673	ng	96
43) 2,4,6-Trichlorophenol	13.278	196	86362	47.604	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.348	196	93561	44.690	ng	98
46) 1,1'-Biphenyl	13.677	154	284894	42.404	ng	94
47) 2-Chloronaphthalene	13.724	162	216419	42.675	ng	99
48) 2-Nitroaniline	13.906	65	74045	43.795	ng	92
49) Acenaphthylene	14.565	152	331834	41.484	ng	99
50) Dimethylphthalate	14.283	163	285287	39.451	ng	97
51) 2,6-Dinitrotoluene	14.394	165	53162	44.784	ng	98
52) Acenaphthene	14.905	154	227801	41.683	ng	97
53) 3-Nitroaniline	14.723	138	57551	46.309	ng	97
54) 2,4-Dinitrophenol	14.923	184	34138	48.950	ng	85
55) Dibenzofuran	15.234	168	353239	39.980	ng	98
56) 4-Nitrophenol	15.011	139	50480	43.812	ng	97
57) 2,4-Dinitrotoluene	15.176	165	78142	42.716	ng	# 98
58) Fluorene	15.881	166	272466	39.487	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.452	232	89397	44.655	ng	98
60) Diethylphthalate	15.640	149	278640	37.738	ng	99
61) 4-Chlorophenyl-phenyle...	15.869	204	157055	40.558	ng	97
62) 4-Nitroaniline	15.881	138	60132	43.493	ng	93
63) Azobenzene	16.163	77	257601	38.024	ng	97
65) 4,6-Dinitro-2-methylph...	15.939	198	49140	52.445	ng	96
66) n-Nitrosodiphenylamine	16.080	169	239610	42.108	ng	98
67) 4-Bromophenyl-phenylether	16.762	248	109900	44.024	ng	99
68) Hexachlorobenzene	16.885	284	122806	43.121	ng	96
69) Atrazine	17.015	200	97691	39.893	ng	97
70) Pentachlorophenol	17.220	266	82346	46.367	ng	92
71) Phenanthrene	17.620	178	469425	40.749	ng	99
72) Anthracene	17.708	178	482051	41.136	ng	99
73) Carbazole	17.972	167	423668	40.999	ng	99
74) Di-n-butylphthalate	18.525	149	476308	39.860	ng	99
75) Fluoranthene	19.612	202	611318	42.360	ng	99
77) Benzidine	19.782	184	240984	41.721	ng	98
78) Pyrene	19.976	202	643136	38.182	ng	100
80) Butylbenzylphthalate	20.851	149	229670	45.114	ng	96
81) Benzo(a)anthracene	21.832	228	726865	42.521	ng	98
82) 3,3'-Dichlorobenzidine	21.738	252	254141	44.521	ng	100
83) Chrysene	21.903	228	682939	41.987	ng	98
84) Bis(2-ethylhexyl)phtha...	21.738	149	336059	44.177	ng	99
85) Di-n-octyl phthalate	22.996	149	603742	47.074	ng	98
87) Indeno(1,2,3-cd)pyrene	29.036	276	943017	43.313	ng	98
88) Benzo(b)fluoranthene	24.136	252	753080	41.496	ng	98
89) Benzo(k)fluoranthene	24.206	252	760727	41.889	ng	97
90) Benzo(a)pyrene	25.041	252	704164	42.211	ng	100
91) Dibenzo(a,h)anthracene	29.106	278	759427	42.934	ng	98
92) Benzo(g,h,i)perylene	30.229	276	735814	43.547	ng	97

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

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