

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
 Data File : BG064435.D
 Acq On : 23 Sep 2025 11:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 23 12:06:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.843	152	19841	20.000	ng	-0.02
21) Naphthalene-d8	10.628	136	85807	20.000	ng	#-0.02
39) Acenaphthene-d10	14.465	164	61310	20.000	ng	-0.02
64) Phenanthrene-d10	17.203	188	146814	20.000	ng	#-0.02
76) Chrysene-d12	21.433	240	160877	20.000	ng	#-0.02
86) Perylene-d12	24.430	264	172846	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	95861	86.681	ng	-0.02
7) Phenol-d6	7.009	99	132874	87.456	ng	-0.02
23) Nitrobenzene-d5	8.995	82	149270	97.018	ng	-0.02
42) 2,4,6-Tribromophenol	15.951	330	95168	117.191	ng	-0.02
45) 2-Fluorobiphenyl	13.090	172	375917	93.587	ng	-0.02
79) Terphenyl-d14	19.823	244	719174	93.267	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	16144	35.023	ng	93
3) Pyridine	3.730	79	48380	35.655	ng	# 58
4) n-Nitrosodimethylamine	3.648	42	37781	42.096	ng	93
6) Aniline	7.168	93	83816	39.893	ng	97
8) 2-Chlorophenol	7.403	128	59636	44.129	ng	97
9) Benzaldehyde	6.980	77	43289	34.622	ng	95
10) Phenol	7.038	94	68349	40.804	ng	75
11) bis(2-Chloroethyl)ether	7.262	93	47142	37.452	ng	98
12) 1,3-Dichlorobenzene	7.726	146	67522	46.966	ng	98
13) 1,4-Dichlorobenzene	7.873	146	67758	46.699	ng	94
14) 1,2-Dichlorobenzene	8.190	146	63914	45.641	ng	97
15) Benzyl Alcohol	8.072	79	61202	43.651	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.360	45	85434	29.728	ng	97
17) 2-Methylphenol	8.278	107	50988	40.842	ng	97
18) Hexachloroethane	8.913	117	25521	45.060	ng	# 79
19) n-Nitroso-di-n-propyla...	8.642	70	44827	38.551	ng	95
20) 3+4-Methylphenols	8.607	107	68622	39.559	ng	96
22) Acetophenone	8.654	105	95348	43.922	ng	95
24) Nitrobenzene	9.030	77	73460	45.698	ng	99
25) Isophorone	9.553	82	130989	40.964	ng	98
26) 2-Nitrophenol	9.741	139	34984	50.365	ng	# 80
27) 2,4-Dimethylphenol	9.806	122	53695	44.030	ng	96
28) bis(2-Chloroethoxy)met...	10.041	93	68073	39.481	ng	94
29) 2,4-Dichlorophenol	10.282	162	64493	50.122	ng	89
30) 1,2,4-Trichlorobenzene	10.493	180	71689	52.840	ng	92
31) Naphthalene	10.675	128	203475	45.729	ng	97
32) Benzoic acid	9.964	122	39791	41.105	ng	97
33) 4-Chloroaniline	10.781	127	75475	43.765	ng	99
34) Hexachlorobutadiene	10.963	225	57372	57.207	ng	91
35) Caprolactam	11.557	113	20381	40.907	ng	# 91
36) 4-Chloro-3-methylphenol	11.915	107	75258	45.079	ng	95
37) 2-Methylnaphthalene	12.285	142	152650	46.155	ng	96
38) 1-Methylnaphthalene	12.502	142	147398m	45.120	ng	
40) 1,2,4,5-Tetrachloroben...	12.655	216	90585	51.207	ng	98
41) Hexachlorocyclopentadiene	12.638	237	45757	54.425	ng	95
43) 2,4,6-Trichlorophenol	12.896	196	59079	49.967	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.967	196	63228	49.297	ng	93
46) 1,1'-Biphenyl	13.296	154	202926	45.443	ng	97
47) 2-Chloronaphthalene	13.337	162	152064	45.296	ng	96
48) 2-Nitroaniline	13.542	65	53499	46.755	ng	95
49) Acenaphthylene	14.183	152	228909	46.127	ng	97
50) Dimethylphthalate	13.918	163	206493	44.496	ng	99
51) 2,6-Dinitrotoluene	14.036	165	43621	48.554	ng	94
52) Acenaphthene	14.530	154	159646	45.585	ng	98
53) 3-Nitroaniline	14.365	138	41971	44.599	ng	98
54) 2,4-Dinitrophenol	14.577	184	25017	45.261	ng	90
55) Dibenzofuran	14.864	168	255440	46.371	ng	99
56) 4-Nitrophenol	14.682	139	33883	43.892	ng	# 84
57) 2,4-Dinitrotoluene	14.829	165	67977	50.042	ng	96
58) Fluorene	15.511	166	209603	46.424	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.094	232	64424	52.224	ng	95
60) Diethylphthalate	15.287	149	224725	45.248	ng	99
61) 4-Chlorophenyl-phenyle...	15.505	204	110447	49.063	ng	98
62) 4-Nitroaniline	15.528	138	48161	50.153	ng	89
63) Azobenzene	15.799	77	186535	42.140	ng	93
65) 4,6-Dinitro-2-methylph...	15.593	198	44376	52.647	ng	91
66) n-Nitrosodiphenylamine	15.722	169	181478	44.935	ng	97
67) 4-Bromophenyl-phenylether	16.398	248	78700	50.470	ng	96
68) Hexachlorobenzene	16.515	284	89717	51.811	ng	93
69) Atrazine	16.674	200	79061	46.883	ng	97
70) Pentachlorophenol	16.862	266	56001	53.336	ng	92
71) Phenanthrene	17.250	178	348877	45.054	ng	98
72) Anthracene	17.338	178	355120	45.084	ng	98
73) Carbazole	17.608	167	315052	45.403	ng	99
74) Di-n-butylphthalate	18.172	149	377556	45.289	ng	98
75) Fluoranthene	19.259	202	428708	47.086	ng	97
77) Benzidine	19.441	184	137880	40.741	ng	97
78) Pyrene	19.618	202	443391	43.746	ng	99
80) Butylbenzylphthalate	20.517	149	172501	45.124	ng	95
81) Benzo(a)anthracene	21.416	228	453601	44.072	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	159732	47.653	ng	97
83) Chrysene	21.480	228	429890	43.507	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	252616	44.014	ng	99
85) Di-n-octyl phthalate	22.473	149	428781	42.876	ng	96
87) Indeno(1,2,3-cd)pyrene	27.808	276	548833	46.496	ng	99
88) Benzo(b)fluoranthene	23.490	252	453364	46.474	ng	97
89) Benzo(k)fluoranthene	23.554	252	447814	45.059	ng	# 96
90) Benzo(a)pyrene	24.295	252	416575	45.906	ng	# 97
91) Dibenzo(a,h)anthracene	27.861	278	449883	47.469	ng	97
92) Benzo(g,h,i)perylene	28.872	276	420723	45.621	ng	# 94

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

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