

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064277.D
 Acq On : 4 Sep 2025 9:02
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/04/2025
 Supervised By :Jagrut Upadhyay 09/04/2025

Quant Time: Sep 04 11:24:51 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	7.855	152	40519	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	192102	20.000	ng	-0.01
39) Acenaphthene-d10	14.476	164	139929	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	274003	20.000	ng	0.00
76) Chrysene-d12	21.450	240	253367	20.000	ng	0.00
86) Perylene-d12	24.459	264	277485	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	184141	81.534	ng	0.00
7) Phenol-d6	7.026	99	265951	85.715	ng	0.00
23) Nitrobenzene-d5	9.006	82	295502	85.789	ng	-0.01
42) 2,4,6-Tribromophenol	15.969	330	151021	81.482	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	741393	80.872	ng	0.00
79) Terphenyl-d14	19.841	244	978759	80.596	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.354	88	36164	38.417	ng	91
3) Pyridine	3.748	79	108961	39.322	ng	# 55
4) n-Nitrosodimethylamine	3.665	42	73008	39.833	ng	97
6) Aniline	7.185	93	174448	40.657	ng	95
8) 2-Chlorophenol	7.420	128	116306	42.143	ng	98
9) Benzaldehyde	6.991	77	98692	38.651	ng	98
10) Phenol	7.050	94	143980	42.089	ng	89
11) bis(2-Chloroethyl)ether	7.279	93	104092	40.494	ng	98
12) 1,3-Dichlorobenzene	7.743	146	120779	41.137	ng	94
13) 1,4-Dichlorobenzene	7.890	146	122638	41.388	ng	98
14) 1,2-Dichlorobenzene	8.207	146	117982	41.255	ng	98
15) Benzyl Alcohol	8.090	79	121834	42.550	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.372	45	216389	36.871	ng	99
17) 2-Methylphenol	8.295	107	101800	39.930	ng	96
18) Hexachloroethane	8.930	117	46113	39.868	ng	89
19) n-Nitroso-di-n-propyla...	8.660	70	98792	41.603	ng	98
20) 3+4-Methylphenols	8.624	107	143997	40.648	ng	97
22) Acetophenone	8.671	105	193821	39.881	ng	96
24) Nitrobenzene	9.047	77	146933	40.828	ng	99
25) Isophorone	9.576	82	284494	39.740	ng	99
26) 2-Nitrophenol	9.752	139	68232	43.878	ng	# 79
27) 2,4-Dimethylphenol	9.823	122	116021	42.496	ng	99
28) bis(2-Chloroethoxy)met...	10.052	93	154063	39.912	ng	98
29) 2,4-Dichlorophenol	10.293	162	123541	42.886	ng	95
30) 1,2,4-Trichlorobenzene	10.504	180	126276	41.574	ng	95
31) Naphthalene	10.692	128	402998	40.455	ng	100
32) Benzoic acid	9.987	122	89712m	41.395	ng	
33) 4-Chloroaniline	10.798	127	154759	40.084	ng	98
34) Hexachlorobutadiene	10.980	225	95794	42.666	ng	90
35) Caprolactam	11.586	113	38209	34.255	ng	96
36) 4-Chloro-3-methylphenol	11.926	107	152705	40.857	ng	97
37) 2-Methylnaphthalene	12.302	142	302805	40.895	ng	97
38) 1-Methylnaphthalene	12.520	142	297059	40.617	ng	99
40) 1,2,4,5-Tetrachloroben...	12.672	216	168380	41.705	ng	98
41) Hexachlorocyclopentadiene	12.655	237	93799	48.883	ng	95
43) 2,4,6-Trichlorophenol	12.908	196	112823	41.809	ng	96

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44) 2,4,5-Trichlorophenol	12.984	196	122858	41.970	ng	96
46) 1,1'-Biphenyl	13.313	154	405356	39.773	ng	99
47) 2-Chloronaphthalene	13.354	162	305068	39.816	ng	96
48) 2-Nitroaniline	13.554	65	108597	41.584	ng	91
49) Acenaphthylene	14.200	152	452634	39.963	ng	97
50) Dimethylphthalate	13.942	163	400639	37.827	ng	99
51) 2,6-Dinitrotoluene	14.053	165	85804	41.847	ng	97
52) Acenaphthene	14.547	154	310220	38.811	ng	98
53) 3-Nitroaniline	14.382	138	82038	38.196	ng	99
54) 2,4-Dinitrophenol	14.588	184	49643	40.090	ng #	84
55) Dibenzofuran	14.882	168	492493	39.173	ng	98
56) 4-Nitrophenol	14.694	139	57676	32.736	ng	88
57) 2,4-Dinitrotoluene	14.841	165	123224	39.746	ng #	98
58) Fluorene	15.528	166	395974	38.427	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.105	232	112117	39.821	ng #	98
60) Diethylphthalate	15.305	149	399017	35.202	ng	100
61) 4-Chlorophenyl-phenyle...	15.522	204	202352	39.385	ng	94
62) 4-Nitroaniline	15.546	138	76156	34.748	ng	96
63) Azobenzene	15.816	77	374637	37.082	ng	98
65) 4,6-Dinitro-2-methylph...	15.604	198	74786	47.539	ng	98
66) n-Nitrosodiphenylamine	15.739	169	332313	44.088	ng	97
67) 4-Bromophenyl-phenylether	16.415	248	135760	46.649	ng	99
68) Hexachlorobenzene	16.533	284	147775	45.725	ng	97
69) Atrazine	16.685	200	111834	35.534	ng	98
70) Pentachlorophenol	16.873	266	84603	43.174	ng	95
71) Phenanthrene	17.261	178	586600	40.590	ng	98
72) Anthracene	17.349	178	592050	40.274	ng	99
73) Carbazole	17.620	167	468694	36.192	ng	99
74) Di-n-butylphthalate	18.190	149	550604	35.389	ng	99
75) Fluoranthene	19.271	202	598387	35.214	ng	98
77) Benzidine	19.453	184	221303	41.521	ng	100
78) Pyrene	19.629	202	627444	39.307	ng	99
80) Butylbenzylphthalate	20.528	149	258592	42.951	ng	93
81) Benzo(a)anthracene	21.427	228	659283	40.673	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	223873	42.408	ng	99
83) Chrysene	21.492	228	628230	40.371	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	370597	41.000	ng	99
85) Di-n-octyl phthalate	22.496	149	654330	41.545	ng	98
87) Indeno(1,2,3-cd)pyrene	27.849	276	787473	41.556	ng #	93
88) Benzo(b)fluoranthene	23.513	252	661096	42.213	ng	99
89) Benzo(k)fluoranthene	23.571	252	647961	40.612	ng #	96
90) Benzo(a)pyrene	24.318	252	602130	41.332	ng	97
91) Dibenzo(a,h)anthracene	27.902	278	636256	41.818	ng	98
92) Benzo(g,h,i)perylene	28.906	276	610804	41.256	ng	97

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

