

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
 Data File : BG064229.D
 Acq On : 29 Aug 2025 14:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025

Quant Time: Aug 29 15:19:41 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	7.856	152	27501	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	130139	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	91549	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	218524	20.000	ng	0.00
76) Chrysene-d12	21.451	240	233922	20.000	ng	0.00
86) Perylene-d12	24.466	264	249739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	127143	82.945	ng	0.00
7) Phenol-d6	7.021	99	182762	86.786	ng	0.00
23) Nitrobenzene-d5	9.007	82	192242	82.384	ng	0.00
42) 2,4,6-Tribromophenol	15.964	330	100614	82.973	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	473418	78.931	ng	0.00
79) Terphenyl-d14	19.842	244	901414	80.397	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	25074	39.245	ng	95
3) Pyridine	3.749	79	78396	41.684	ng	# 60
4) n-Nitrosodimethylamine	3.666	42	49102	39.472	ng	90
6) Aniline	7.186	93	121599	41.756	ng	96
8) 2-Chlorophenol	7.421	128	77231	41.231	ng	99
9) Benzaldehyde	6.998	77	78264	45.160	ng	99
10) Phenol	7.051	94	99721	42.950	ng	97
11) bis(2-Chloroethyl)ether	7.280	93	73947	42.384	ng	98
12) 1,3-Dichlorobenzene	7.744	146	81228	40.762	ng	97
13) 1,4-Dichlorobenzene	7.891	146	84088	41.811	ng	92
14) 1,2-Dichlorobenzene	8.208	146	80668	41.560	ng	99
15) Benzyl Alcohol	8.091	79	78903	40.601	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.379	45	163201	40.971	ng	98
17) 2-Methylphenol	8.296	107	71639	41.401	ng	90
18) Hexachloroethane	8.937	117	32665	41.609	ng	# 84
19) n-Nitroso-di-n-propyla...	8.661	70	66629	41.341	ng	98
20) 3+4-Methylphenols	8.619	107	98771	41.080	ng	96
22) Acetophenone	8.672	105	131780	40.026	ng	97
24) Nitrobenzene	9.048	77	98877	40.556	ng	99
25) Isophorone	9.571	82	194576	40.121	ng	97
26) 2-Nitrophenol	9.759	139	43040	40.856	ng	# 87
27) 2,4-Dimethylphenol	9.818	122	75415	40.775	ng	98
28) bis(2-Chloroethoxy)met...	10.053	93	106860	40.864	ng	96
29) 2,4-Dichlorophenol	10.294	162	80498	41.249	ng	98
30) 1,2,4-Trichlorobenzene	10.511	180	83226	40.447	ng	97
31) Naphthalene	10.693	128	272421	40.368	ng	98
32) Benzoic acid	9.959	122	63348m	43.147	ng	
33) 4-Chloroaniline	10.799	127	105044	40.161	ng	99
34) Hexachlorobutadiene	10.987	225	59051	38.823	ng	89
35) Caprolactam	11.569	113	31704	41.956	ng	# 84
36) 4-Chloro-3-methylphenol	11.927	107	99450	39.277	ng	97
37) 2-Methylnaphthalene	12.303	142	199621	39.796	ng	95
38) 1-Methylnaphthalene	12.521	142	194556	39.268	ng	95
40) 1,2,4,5-Tetrachloroben...	12.673	216	105525	39.949	ng	97
41) Hexachlorocyclopentadiene	12.656	237	52784	42.045	ng	89
43) 2,4,6-Trichlorophenol	12.914	196	71962	40.759	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
 Data File : BG064229.D
 Acq On : 29 Aug 2025 14:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/02/2025
 Supervised By :Jagrut Upadhyay 09/02/2025

Quant Time: Aug 29 15:19:41 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)
44) 2,4,5-Trichlorophenol	12.979	196	78125	40.792	ng	98
46) 1,1'-Biphenyl	13.314	154	267611	40.134	ng	99
47) 2-Chloronaphthalene	13.355	162	200991	40.095	ng	97
48) 2-Nitroaniline	13.555	65	72223	42.271	ng	94
49) Acenaphthylene	14.201	152	305462	41.222	ng	99
50) Dimethylphthalate	13.937	163	281674	40.649	ng	99
51) 2,6-Dinitrotoluene	14.054	165	56801	42.341	ng	94
52) Acenaphthene	14.548	154	211586	40.460	ng	98
53) 3-Nitroaniline	14.383	138	58958	41.957	ng	90
54) 2,4-Dinitrophenol	14.589	184	31162	38.694	ng	92
55) Dibenzofuran	14.877	168	334916	40.717	ng	98
56) 4-Nitrophenol	14.689	139	52162	45.252	ng	88
57) 2,4-Dinitrotoluene	14.842	165	89486	44.117	ng	98
58) Fluorene	15.529	166	277418	41.149	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.106	232	78760	42.757	ng	97
60) Diethylphthalate	15.306	149	311637	42.022	ng	98
61) 4-Chlorophenyl-phenyle...	15.523	204	135834	40.410	ng	97
62) 4-Nitroaniline	15.541	138	67395	47.001	ng	# 85
63) Azobenzene	15.817	77	271923	41.139	ng	97
65) 4,6-Dinitro-2-methylph...	15.605	198	52171	41.583	ng	96
66) n-Nitrosodiphenylamine	15.740	169	245596	40.855	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	91860	39.578	ng	97
68) Hexachlorobenzene	16.534	284	100325	38.924	ng	97
69) Atrazine	16.686	200	104482	41.626	ng	98
70) Pentachlorophenol	16.874	266	66097	42.294	ng	94
71) Phenanthrene	17.262	178	470558	40.827	ng	98
72) Anthracene	17.356	178	480984	41.025	ng	99
73) Carbazole	17.621	167	436369	42.250	ng	99
74) Di-n-butylphthalate	18.191	149	527572	42.517	ng	99
75) Fluoranthene	19.272	202	563250	41.562	ng	99
77) Benzidine	19.454	184	209849	42.644	ng	99
78) Pyrene	19.636	202	598353	40.601	ng	99
80) Butylbenzylphthalate	20.535	149	232099	41.755	ng	94
81) Benzo(a)anthracene	21.434	228	602473	40.258	ng	100
82) 3,3'-Dichlorobenzidine	21.357	252	201815	41.407	ng	98
83) Chrysene	21.498	228	579979	40.368	ng	99
84) Bis(2-ethylhexyl)phtha...	21.363	149	345909	41.449	ng	98
85) Di-n-octyl phthalate	22.503	149	598165	41.136	ng	100
87) Indeno(1,2,3-cd)pyrene	27.856	276	710395	41.653	ng	# 97
88) Benzo(b)fluoranthene	23.514	252	580182	41.162	ng	98
89) Benzo(k)fluoranthene	23.578	252	613645	42.734	ng	97
90) Benzo(a)pyrene	24.325	252	548931	41.866	ng	99
91) Dibenzo(a,h)anthracene	27.909	278	577490	42.172	ng	98
92) Benzo(g,h,i)perylene	28.913	276	553764	41.559	ng	98

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

Manual Integrations

Quant Time: Aug 29 15:19:41 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

