

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
 Data File : BG064050.D
 Acq On : 5 Mar 2025 12:23
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
 Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:24:11 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 14:45:06 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	38040	20.000	ng	0.00
21) Naphthalene-d8	10.656	136	162322	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	110522	20.000	ng	0.00
64) Phenanthrene-d10	17.231	188	254221	20.000	ng	0.00
76) Chrysene-d12	21.467	240	272579	20.000	ng	0.00
86) Perylene-d12	24.475	264	286555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	239407	98.271	ng	0.00
7) Phenol-d6	7.031	99	323841	97.714	ng	0.00
23) Nitrobenzene-d5	9.017	82	316407	107.720	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	133386	108.574	ng	0.00
45) 2-Fluorobiphenyl	13.118	172	708865	97.354	ng	0.00
79) Terphenyl-d14	19.851	244	1286263	95.415	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	53145	48.134	ng	98
3) Pyridine	3.764	79	127257	47.393	ng	97
4) n-Nitrosodimethylamine	3.682	42	94714	49.369	ng	93
6) Aniline	7.196	93	156110	48.003	ng	99
8) 2-Chlorophenol	7.431	128	126814	48.467	ng	100
9) Benzaldehyde	7.008	77	81796	42.223	ng	95
10) Phenol	7.060	94	166630	49.107	ng	97
11) bis(2-Chloroethyl)ether	7.290	93	125734	47.264	ng	99
12) 1,3-Dichlorobenzene	7.760	146	136763	47.598	ng	95
13) 1,4-Dichlorobenzene	7.901	146	140578	47.733	ng	98
14) 1,2-Dichlorobenzene	8.218	146	134631	47.407	ng	96
15) Benzyl Alcohol	8.100	79	129182	50.441	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.394	45	284947	47.637	ng	100
17) 2-Methylphenol	8.300	107	111405	49.469	ng	97
18) Hexachloroethane	8.947	117	50035	48.558	ng	91
19) n-Nitroso-di-n-propyla...	8.670	70	113111	48.631	ng	98
20) 3+4-Methylphenols	8.629	107	153346	49.461	ng	97
22) Acetophenone	8.682	105	221424	49.752	ng	99
24) Nitrobenzene	9.058	77	160553	52.890	ng	96
25) Isophorone	9.581	82	290768	49.457	ng	97
26) 2-Nitrophenol	9.769	139	52718	49.791	ng	100
27) 2,4-Dimethylphenol	9.828	122	89845	50.976	ng	97
28) bis(2-Chloroethoxy)met...	10.069	93	173244	48.604	ng	96
29) 2,4-Dichlorophenol	10.298	162	117642	52.861	ng	96
30) 1,2,4-Trichlorobenzene	10.521	180	136213	50.701	ng	93
31) Naphthalene	10.703	128	430679	49.204	ng	98
32) Benzoic acid	9.975	122	77326m	47.851	ng	
33) 4-Chloroaniline	10.809	127	159874	49.975	ng	99
34) Hexachlorobutadiene	10.997	225	87623	49.759	ng	96
35) Caprolactam	11.579	113	45779	53.678	ng	92
36) 4-Chloro-3-methylphenol	11.931	107	151419	51.905	ng	97
37) 2-Methylnaphthalene	12.313	142	302745	48.994	ng	96
38) 1-Methylnaphthalene	12.531	142	293710	48.517	ng	99
40) 1,2,4,5-Tetrachloroben...	12.677	216	154824	49.068	ng	97
41) Hexachlorocyclopentadiene	12.666	237	48218	54.295	ng	98
43) 2,4,6-Trichlorophenol	12.918	196	100024	53.786	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	109309	52.900	ng	99
46) 1,1'-Biphenyl	13.324	154	407499	48.802	ng	98
47) 2-Chloronaphthalene	13.365	162	304442	49.991	ng	97
48) 2-Nitroaniline	13.565	65	101610	49.852	ng	96
49) Acenaphthylene	14.211	152	479498	49.779	ng	100
50) Dimethylphthalate	13.952	163	404288	49.555	ng	100
51) 2,6-Dinitrotoluene	14.064	165	82929	49.957	ng	90
52) Acenaphthene	14.558	154	320276m	49.442	ng	
53) 3-Nitroaniline	14.393	138	86456	54.830	ng	100
54) 2,4-Dinitrophenol	14.593	184	30713	48.003	ng	89
55) Dibenzofuran	14.887	168	511922	48.883	ng	99
56) 4-Nitrophenol	14.693	139	77342	58.485	ng	94
57) 2,4-Dinitrotoluene	14.851	165	115455	50.361	ng	# 95
58) Fluorene	15.539	166	401156	49.182	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	106306	52.772	ng	98
60) Diethylphthalate	15.321	149	448796	50.673	ng	98
61) 4-Chlorophenyl-phenyle...	15.533	204	196685	48.525	ng	93
62) 4-Nitroaniline	15.556	138	96864	56.899	ng	96
63) Azobenzene	15.827	77	469832	49.712	ng	99
65) 4,6-Dinitro-2-methylph...	15.609	198	52142	47.566	ng	92
66) n-Nitrosodiphenylamine	15.744	169	354329	49.240	ng	100
67) 4-Bromophenyl-phenylether	16.426	248	127329	48.903	ng	97
68) Hexachlorobenzene	16.538	284	144717	49.646	ng	97
69) Atrazine	16.696	200	81796	38.632	ng	96
70) Pentachlorophenol	16.878	266	95820	52.943	ng	98
71) Phenanthrene	17.272	178	669776	49.395	ng	99
72) Anthracene	17.360	178	670298	49.714	ng	98
73) Carbazole	17.630	167	640167	50.853	ng	99
74) Di-n-butylphthalate	18.206	149	785487	53.009	ng	100
75) Fluoranthene	19.281	202	824769	50.454	ng	99
77) Benzidine	19.464	184	133122	34.790	ng	99
78) Pyrene	19.646	202	854585	48.636	ng	99
80) Butylbenzylphthalate	20.545	149	322148	48.794	ng	98
81) Benzo(a)anthracene	21.449	228	868997	49.769	ng	96
82) 3,3'-Dichlorobenzidine	21.367	252	283543	50.177	ng	98
83) Chrysene	21.508	228	860924	49.437	ng	99
84) Bis(2-ethylhexyl)phtha...	21.385	149	511903	54.210	ng	100
85) Di-n-octyl phthalate	22.531	149	855727	52.538	ng	100
87) Indeno(1,2,3-cd)pyrene	27.883	276	970339	50.610	ng	98
88) Benzo(b)fluoranthene	23.535	252	882554	50.946	ng	98
89) Benzo(k)fluoranthene	23.600	252	863262	49.673	ng	97
90) Benzo(a)pyrene	24.346	252	792379	51.360	ng	98
91) Dibenzo(a,h)anthracene	27.948	278	812185	51.097	ng	99
92) Benzo(g,h,i)perylene	28.947	276	821282	50.325	ng	99

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

