

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
 Data File : BG064051.D
 Acq On : 5 Mar 2025 13:04
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

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

Quant Time: Mar 05 15:25:06 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	37134	20.000	ng	0.00
21) Naphthalene-d8	10.656	136	170133	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	120501	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	267696	20.000	ng	0.00
76) Chrysene-d12	21.467	240	267699	20.000	ng	0.00
86) Perylene-d12	24.481	264	289231	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	293555	123.437	ng	0.00
7) Phenol-d6	7.031	99	409752	126.652	ng	0.00
23) Nitrobenzene-d5	9.022	82	408232	132.600	ng	0.00
42) 2,4,6-Tribromophenol	15.979	330	180569	134.808	ng	0.00
45) 2-Fluorobiphenyl	13.118	172	928658	116.978	ng	0.00
79) Terphenyl-d14	19.851	244	1536841	116.081	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.376	88	60005	55.674	ng	98
3) Pyridine	3.764	79	153247	58.464	ng	100
4) n-Nitrosodimethylamine	3.682	42	116662	62.293	ng	99
6) Aniline	7.195	93	194727	61.338	ng	99
8) 2-Chlorophenol	7.430	128	158149	61.917	ng	97
9) Benzaldehyde	7.007	77	94743	50.099	ng	97
10) Phenol	7.060	94	211698	63.911	ng	97
11) bis(2-Chloroethyl)ether	7.295	93	157937	60.818	ng	99
12) 1,3-Dichlorobenzene	7.759	146	169236	60.337	ng	97
13) 1,4-Dichlorobenzene	7.900	146	171129	59.524	ng	98
14) 1,2-Dichlorobenzene	8.217	146	169937	61.300	ng	98
15) Benzyl Alcohol	8.100	79	163423	65.368	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.394	45	358503	61.396	ng	98
17) 2-Methylphenol	8.300	107	141394	64.317	ng	96
18) Hexachloroethane	8.946	117	64767	64.389	ng	94
19) n-Nitroso-di-n-propyla...	8.676	70	147291	64.871	ng	97
20) 3+4-Methylphenols	8.635	107	200990	66.409	ng	94
22) Acetophenone	8.682	105	286250	61.365	ng	# 98
24) Nitrobenzene	9.064	77	208758	65.613	ng	95
25) Isophorone	9.586	82	386627	62.743	ng	97
26) 2-Nitrophenol	9.769	139	72153	61.605	ng	95
27) 2,4-Dimethylphenol	9.827	122	122021	66.054	ng	98
28) bis(2-Chloroethoxy)met...	10.068	93	229336	61.387	ng	98
29) 2,4-Dichlorophenol	10.303	162	153766	65.920	ng	97
30) 1,2,4-Trichlorobenzene	10.521	180	170860	60.677	ng	98
31) Naphthalene	10.703	128	559954	61.037	ng	99
32) Benzoic acid	9.998	122	110878m	62.274	ng	
33) 4-Chloroaniline	10.809	127	214091	63.850	ng	98
34) Hexachlorobutadiene	10.997	225	112408	60.903	ng	98
35) Caprolactam	11.596	113	57227	64.020	ng	95
36) 4-Chloro-3-methylphenol	11.931	107	199201	65.149	ng	97
37) 2-Methylnaphthalene	12.313	142	397524	61.379	ng	99
38) 1-Methylnaphthalene	12.536	142	391774	61.745	ng	95
40) 1,2,4,5-Tetrachloroben...	12.683	216	203188	59.063	ng	98
41) Hexachlorocyclopentadiene	12.665	237	65070	67.203	ng	96
43) 2,4,6-Trichlorophenol	12.918	196	133197	65.693	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	147199	65.338	ng	97
46) 1,1'-Biphenyl	13.329	154	546747	60.056	ng	99
47) 2-Chloronaphthalene	13.364	162	405177	61.023	ng	98
48) 2-Nitroaniline	13.564	65	143213	61.521	ng	97
49) Acenaphthylene	14.210	152	642256	61.154	ng	99
50) Dimethylphthalate	13.958	163	545112	61.282	ng	99
51) 2,6-Dinitrotoluene	14.064	165	110825	60.475	ng	92
52) Acenaphthene	14.557	154	423181	59.918	ng	99
53) 3-Nitroaniline	14.393	138	118880	69.150	ng	99
54) 2,4-Dinitrophenol	14.592	184	43597	60.118	ng	# 82
55) Dibenzofuran	14.892	168	673760	59.009	ng	100
56) 4-Nitrophenol	14.698	139	97685	67.751	ng	97
57) 2,4-Dinitrotoluene	14.851	165	153908	60.762	ng	# 98
58) Fluorene	15.538	166	527952	59.367	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.115	232	145394	66.199	ng	96
60) Diethylphthalate	15.321	149	591838	61.289	ng	100
61) 4-Chlorophenyl-phenyle...	15.538	204	260768	59.007	ng	93
62) 4-Nitroaniline	15.556	138	122494	65.996	ng	97
63) Azobenzene	15.826	77	616384	59.818	ng	99
65) 4,6-Dinitro-2-methylph...	15.615	198	74058	61.305	ng	97
66) n-Nitrosodiphenylamine	15.750	169	458342	60.488	ng	97
67) 4-Bromophenyl-phenylether	16.426	248	174594	63.681	ng	96
68) Hexachlorobenzene	16.543	284	183700	59.848	ng	99
70) Pentachlorophenol	16.884	266	127516	66.910	ng	97
71) Phenanthrene	17.272	178	850190	59.544	ng	100
72) Anthracene	17.366	178	855662	60.267	ng	98
73) Carbazole	17.630	167	791764	59.729	ng	98
74) Di-n-butylphthalate	18.206	149	978831	62.731	ng	99
75) Fluoranthene	19.281	202	998035	57.980	ng	99
77) Benzidine	19.469	184	240411	63.973	ng	98
78) Pyrene	19.645	202	1035908	60.030	ng	99
80) Butylbenzylphthalate	20.544	149	403606	61.244	ng	97
81) Benzo(a)anthracene	21.449	228	1051558	61.323	ng	98
82) 3,3'-Dichlorobenzidine	21.367	252	349935	63.055	ng	99
83) Chrysene	21.514	228	1044616	61.078	ng	99
84) Bis(2-ethylhexyl)phtha...	21.384	149	633796	68.341	ng	98
85) Di-n-octyl phthalate	22.530	149	1075085	67.209	ng	100
87) Indeno(1,2,3-cd)pyrene	27.889	276	1198276	61.921	ng	99
88) Benzo(b)fluoranthene	23.535	252	1054170	60.290	ng	98
89) Benzo(k)fluoranthene	23.599	252	1070595	61.033	ng	100
90) Benzo(a)pyrene	24.346	252	947608	60.853	ng	98
91) Dibenzo(a,h)anthracene	27.953	278	974276	60.728	ng	98
92) Benzo(g,h,i)perylene	28.964	276	1002330	60.851	ng	96

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

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