

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
 Data File : BG064053.D
 Acq On : 5 Mar 2025 15:10
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG030525

Manual Integrations

APPROVED

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

Quant Time: Mar 05 15:42:26 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 15:39:19 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	35090	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	145084	20.000	ng	# 0.00
39) Acenaphthene-d10	14.489	164	93726	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	217148	20.000	ng	0.00
76) Chrysene-d12	21.463	240	246166	20.000	ng	0.00
86) Perylene-d12	24.483	264	261789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	177138	78.823	ng	0.00
7) Phenol-d6	7.021	99	230804	75.496	ng	0.00
23) Nitrobenzene-d5	9.013	82	221265	84.279	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	94089	90.311	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	495129	80.186	ng	0.00
79) Terphenyl-d14	19.853	244	940889	77.284	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.378	88	40961	40.218	ng	97
3) Pyridine	3.760	79	98907	39.931	ng	98
4) n-Nitrosodimethylamine	3.678	42	70753	39.980	ng	94
6) Aniline	7.186	93	112627	37.544	ng	97
8) 2-Chlorophenol	7.426	128	92723	38.417	ng	97
9) Benzaldehyde	6.997	77	67720m	38.087	ng	
10) Phenol	7.050	94	121465	38.806	ng	98
11) bis(2-Chloroethyl)ether	7.285	93	90358	36.822	ng	97
12) 1,3-Dichlorobenzene	7.750	146	97739	36.876	ng	98
13) 1,4-Dichlorobenzene	7.896	146	99638	36.676	ng	98
14) 1,2-Dichlorobenzene	8.214	146	96129	36.695	ng	97
15) Benzyl Alcohol	8.096	79	89828	38.023	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.390	45	201622	36.540	ng	99
17) 2-Methylphenol	8.296	107	78276	37.680	ng	97
18) Hexachloroethane	8.942	117	37454	39.404	ng	97
19) n-Nitroso-di-n-propyla...	8.666	70	76484	35.648	ng	98
20) 3+4-Methylphenols	8.619	107	106291	37.166	ng	95
22) Acetophenone	8.678	105	156271	39.285	ng	# 99
24) Nitrobenzene	9.054	77	114521	42.208	ng	98
25) Isophorone	9.577	82	198754	37.823	ng	97
26) 2-Nitrophenol	9.765	139	36978	40.946	ng	92
27) 2,4-Dimethylphenol	9.824	122	63231	40.139	ng	97
28) bis(2-Chloroethoxy)met...	10.064	93	123038	38.620	ng	99
29) 2,4-Dichlorophenol	10.294	162	81863	41.154	ng	93
30) 1,2,4-Trichlorobenzene	10.517	180	93175	38.802	ng	93
31) Naphthalene	10.699	128	308258	39.402	ng	98
32) Benzoic acid	9.953	122	51607m	37.906	ng	
33) 4-Chloroaniline	10.805	127	114228	39.949	ng	98
34) Hexachlorobutadiene	10.993	225	62517	39.720	ng	99
35) Caprolactam	11.563	113	32080	42.084	ng	# 85
36) 4-Chloro-3-methylphenol	11.927	107	103382	39.649	ng	96
37) 2-Methylnaphthalene	12.309	142	212431	38.463	ng	97
38) 1-Methylnaphthalene	12.532	142	209530	38.724	ng	94
40) 1,2,4,5-Tetrachloroben...	12.679	216	106041	39.630	ng	95
41) Hexachlorocyclopentadiene	12.667	237	33041	43.873	ng	98
43) 2,4,6-Trichlorophenol	12.914	196	66496	42.165	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	74580	42.561	ng	95
46) 1,1'-Biphenyl	13.325	154	284632	40.196	ng	98
47) 2-Chloronaphthalene	13.361	162	208172	40.309	ng	97
48) 2-Nitroaniline	13.560	65	68823	41.405	ng	98
49) Acenaphthylene	14.207	152	331135	40.537	ng	100
50) Dimethylphthalate	13.948	163	274751	39.712	ng	99
51) 2,6-Dinitrotoluene	14.060	165	56243	40.625	ng	99
52) Acenaphthene	14.553	154	221628m	40.428	ng	
53) 3-Nitroaniline	14.389	138	60229	45.042	ng	97
54) 2,4-Dinitrophenol	14.589	184	21627	41.197	ng	86
55) Dibenzofuran	14.888	168	355364	40.014	ng	99
56) 4-Nitrophenol	14.688	139	53310	47.537	ng	96
57) 2,4-Dinitrotoluene	14.847	165	80269	41.944	ng	# 97
58) Fluorene	15.535	166	279465	40.403	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.111	232	73574	43.068	ng	96
60) Diethylphthalate	15.317	149	309434	41.198	ng	99
61) 4-Chlorophenyl-phenyle...	15.535	204	135318	39.367	ng	95
62) 4-Nitroaniline	15.546	138	65797	45.576	ng	91
63) Azobenzene	15.822	77	321688	40.137	ng	99
65) 4,6-Dinitro-2-methylph...	15.611	198	35775	39.817	ng	95
66) n-Nitrosodiphenylamine	15.746	169	241241	39.248	ng	99
67) 4-Bromophenyl-phenylether	16.428	248	88452	39.772	ng	97
68) Hexachlorobenzene	16.539	284	96136	38.611	ng	97
69) Atrazine	16.692	200	69821	38.607	ng	95
70) Pentachlorophenol	16.880	266	66504	43.019	ng	97
71) Phenanthrene	17.274	178	463029	39.978	ng	97
72) Anthracene	17.362	178	463897	40.280	ng	99
73) Carbazole	17.626	167	449805	41.831	ng	99
74) Di-n-butylphthalate	18.208	149	565797	44.702	ng	99
75) Fluoranthene	19.283	202	588493	42.146	ng	97
77) Benzidine	19.465	184	127428	37.383	ng	98
78) Pyrene	19.641	202	608668	38.357	ng	99
80) Butylbenzylphthalate	20.546	149	238653	40.680	ng	96
81) Benzo(a)anthracene	21.445	228	624403	39.598	ng	98
82) 3,3'-Dichlorobenzidine	21.369	252	209761	41.103	ng	99
83) Chrysene	21.504	228	611410	38.876	ng	99
84) Bis(2-ethylhexyl)phtha...	21.381	149	379928	44.551	ng	99
85) Di-n-octyl phthalate	22.532	149	627920	42.688	ng	100
87) Indeno(1,2,3-cd)pyrene	27.885	276	699194	39.918	ng	100
88) Benzo(b)fluoranthene	23.531	252	615644	38.901	ng	99
89) Benzo(k)fluoranthene	23.596	252	620446	39.079	ng	98
90) Benzo(a)pyrene	24.342	252	546383	38.765	ng	99
91) Dibenzo(a,h)anthracene	27.949	278	583198	40.162	ng	98
92) Benzo(g,h,i)perylene	28.936	276	592494	39.740	ng	98

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

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