

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
 Data File : BG064046.D
 Acq On : 5 Mar 2025 9:42
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

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

Quant Time: Mar 05 15:20:42 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	33357	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	142015	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	99722	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	234862	20.000	ng	0.00
76) Chrysene-d12	21.455	240	251570	20.000	ng	0.00
86) Perylene-d12	24.469	264	257404	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	19435	9.098	ng	0.00
7) Phenol-d6	7.025	99	26345	9.065	ng	0.00
23) Nitrobenzene-d5	9.011	82	20601	8.016	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	8299	7.487	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	68235	10.386	ng	0.00
79) Terphenyl-d14	19.845	244	127223	10.226	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	4983	5.147	ng	88
3) Pyridine	3.764	79	12091	5.135	ng	90
4) n-Nitrosodimethylamine	3.676	42	7436	4.420	ng	# 86
6) Aniline	7.189	93	13285	4.659	ng	# 90
8) 2-Chlorophenol	7.424	128	10525	4.587	ng	93
9) Benzaldehyde	7.007	77	9269	5.456	ng	91
10) Phenol	7.048	94	13256	4.455	ng	95
11) bis(2-Chloroethyl)ether	7.289	93	11465	4.915	ng	92
12) 1,3-Dichlorobenzene	7.753	146	12701	5.041	ng	99
13) 1,4-Dichlorobenzene	7.894	146	12909m	4.999	ng	
14) 1,2-Dichlorobenzene	8.218	146	12410m	4.983	ng	
15) Benzyl Alcohol	8.094	79	9299	4.141	ng	# 91
16) 2,2'-oxybis(1-Chloropr...	8.400	45	25555	4.872	ng	94
17) 2-Methylphenol	8.300	107	8465	4.287	ng	88
18) Hexachloroethane	8.946	117	4075	4.510	ng	85
19) n-Nitroso-di-n-propyla...	8.664	70	9131	4.477	ng	# 96
20) 3+4-Methylphenols	8.623	107	11690	4.300	ng	95
22) Acetophenone	8.676	105	18540	4.761	ng	95
24) Nitrobenzene	9.052	77	10563	3.977	ng	# 91
25) Isophorone	9.575	82	25179	4.895	ng	98
26) 2-Nitrophenol	9.769	139	2362	6.094	ng	88
27) 2,4-Dimethylphenol	9.822	122	6887	4.466	ng	# 88
28) bis(2-Chloroethoxy)met...	10.062	93	15067	4.832	ng	95
29) 2,4-Dichlorophenol	10.297	162	7898	4.056	ng	96
30) 1,2,4-Trichlorobenzene	10.515	180	11480	4.884	ng	93
31) Naphthalene	10.703	128	38285	4.999	ng	99
33) 4-Chloroaniline	10.809	127	12591	4.499	ng	95
34) Hexachlorobutadiene	10.997	225	7373	4.786	ng	# 91
35) Caprolactam	11.537	113	3052	4.090	ng	# 89
36) 4-Chloro-3-methylphenol	11.925	107	10408	4.078	ng	92
37) 2-Methylnaphthalene	12.313	142	27533	5.093	ng	99
38) 1-Methylnaphthalene	12.530	142	26458	4.995	ng	97
40) 1,2,4,5-Tetrachloroben...	12.677	216	13634	4.789	ng	94
41) Hexachlorocyclopentadiene	12.665	237	3078	3.841	ng	97
43) 2,4,6-Trichlorophenol	12.912	196	6684m	3.983	ng	
44) 2,4,5-Trichlorophenol	12.983	196	7092	3.804	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.323	154	37550	4.984	ng	98
47) 2-Chloronaphthalene	13.359	162	27076	4.928	ng	95
48) 2-Nitroaniline	13.552	65	4908	6.075	ng	84
49) Acenaphthylene	14.205	152	42736	4.917	ng	96
50) Dimethylphthalate	13.940	163	35694	4.849	ng	99
51) 2,6-Dinitrotoluene	14.058	165	3942	5.812	ng	# 81
52) Acenaphthene	14.551	154	29044m	4.969	ng	
53) 3-Nitroaniline	14.387	138	4736	3.329	ng	# 84
55) Dibenzofuran	14.880	168	48004	5.080	ng	96
57) 2,4-Dinitrotoluene	14.839	165	5618	6.165	ng	# 95
58) Fluorene	15.532	166	38777	5.269	ng	90
59) 2,3,4,6-Tetrachlorophenol	15.109	232	6538	3.597	ng	# 94
60) Diethylphthalate	15.309	149	37289	4.666	ng	98
61) 4-Chlorophenyl-phenyle...	15.532	204	18807	5.142	ng	89
62) 4-Nitroaniline	15.538	138	5314	3.460	ng	93
63) Azobenzene	15.820	77	43236	5.070	ng	96
66) n-Nitrosodiphenylamine	15.744	169	32754	4.927	ng	96
67) 4-Bromophenyl-phenylether	16.426	248	10898	4.531	ng	93
68) Hexachlorobenzene	16.531	284	13351	4.958	ng	99
69) Atrazine	16.690	200	10297	5.264	ng	89
71) Phenanthrene	17.266	178	63629	5.079	ng	98
72) Anthracene	17.354	178	60108	4.825	ng	98
73) Carbazole	17.624	167	55726	4.792	ng	99
74) Di-n-butylphthalate	18.200	149	54700	3.996	ng	# 95
75) Fluoranthene	19.275	202	74694	4.946	ng	99
77) Benzidine	19.463	184	13919m	3.941	ng	
78) Pyrene	19.639	202	78707	4.853	ng	98
80) Butylbenzylphthalate	20.538	149	17899	6.356	ng	96
81) Benzo(a)anthracene	21.437	228	76566	4.751	ng	98
82) 3,3'-Dichlorobenzidine	21.361	252	22038	4.226	ng	89
83) Chrysene	21.502	228	80580	5.014	ng	98
84) Bis(2-ethylhexyl)phtha...	21.379	149	31674	3.634	ng	94
87) Indeno(1,2,3-cd)pyrene	27.865	276	78681	4.569	ng	# 94
88) Benzo(b)fluoranthene	23.523	252	74031	4.757	ng	99
89) Benzo(k)fluoranthene	23.588	252	71522	4.582	ng	98
90) Benzo(a)pyrene	24.322	252	63881	4.610	ng	# 96
91) Dibenzo(a,h)anthracene	27.912	278	66224	4.638	ng	98
92) Benzo(g,h,i)perylene	28.905	276	67535	4.607	ng	# 93

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

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