

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064073.D
 Acq On : 10 Mar 2025 9:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Anahy

Claudio

Quant Time: Mar 10 10:59:19 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	7.859	152	33051	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	147761	20.000	ng	# 0.00
39) Acenaphthene-d10	14.486	164	101106	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	218504	20.000	ng	0.00
76) Chrysene-d12	21.460	240	231279	20.000	ng	0.00
86) Perylene-d12	24.475	264	238878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	171587	81.064	ng	0.00
7) Phenol-d6	7.024	99	236298	82.061	ng	0.00
23) Nitrobenzene-d5	9.016	82	233580	87.358	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	98005	87.204	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	565705	84.928	ng	0.00
79) Terphenyl-d14	19.851	244	898849	78.583	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.370	88	40108	41.810	ng	99
3) Pyridine	3.758	79	106245	45.540	ng	96
4) n-Nitrosodimethylamine	3.675	42	79573	47.738	ng	94
6) Aniline	7.189	93	116241	41.139	ng	95
8) 2-Chlorophenol	7.430	128	95243	41.895	ng	92
9) Benzaldehyde	7.001	77	59376	35.455	ng	95
10) Phenol	7.054	94	121333	41.155	ng	98
11) bis(2-Chloroethyl)ether	7.289	93	92355	39.957	ng	97
12) 1,3-Dichlorobenzene	7.753	146	100736	40.352	ng	95
13) 1,4-Dichlorobenzene	7.900	146	103065	40.278	ng	95
14) 1,2-Dichlorobenzene	8.217	146	100133	40.582	ng	96
15) Benzyl Alcohol	8.094	79	95401	42.874	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.393	45	206635	39.759	ng	99
17) 2-Methylphenol	8.299	107	82222	42.021	ng	95
18) Hexachloroethane	8.940	117	37710	42.121	ng	99
19) n-Nitroso-di-n-propyla...	8.670	70	81558	40.358	ng	98
20) 3+4-Methylphenols	8.628	107	112843	41.891	ng	91
22) Acetophenone	8.681	105	164988	40.725	ng	# 96
24) Nitrobenzene	9.057	77	115698	41.870	ng	95
25) Isophorone	9.580	82	207624	38.795	ng	# 95
26) 2-Nitrophenol	9.762	139	40140	43.114	ng	95
27) 2,4-Dimethylphenol	9.827	122	68243	42.535	ng	94
28) bis(2-Chloroethoxy)met...	10.062	93	127113	39.176	ng	98
29) 2,4-Dichlorophenol	10.297	162	88411	43.641	ng	97
30) 1,2,4-Trichlorobenzene	10.514	180	98998	40.480	ng	93
31) Naphthalene	10.702	128	329350	41.336	ng	100
32) Benzoic acid	9.962	122	54683m	39.087	ng	
33) 4-Chloroaniline	10.802	127	121083	41.579	ng	98
34) Hexachlorobutadiene	10.996	225	66450	41.454	ng	97
35) Caprolactam	11.566	113	30067	38.729	ng	90
36) 4-Chloro-3-methylphenol	11.925	107	115109	43.347	ng	97
37) 2-Methylnaphthalene	12.312	142	239968	42.662	ng	97
38) 1-Methylnaphthalene	12.530	142	234630	42.577	ng	97
40) 1,2,4,5-Tetrachloroben...	12.677	216	121225	41.997	ng	98
41) Hexachlorocyclopentadiene	12.665	237	37804	46.533	ng	95
43) 2,4,6-Trichlorophenol	12.918	196	78246	45.994	ng	91

03/11/2025

Supervised By :Jagrut

Padhyay

03/11/2025

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.982	196	85782	45.380	ng	98	03/11/2025
46) 1,1'-Biphenyl	13.323	154	326469	42.739	ng	99	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	13.364	162	233170	41.853	ng	98	
48) 2-Nitroaniline	13.558	65	75649	42.053	ng	92	
49) Acenaphthylene	14.210	152	361829	41.061	ng	100	
50) Dimethylphthalate	13.946	163	294665	39.481	ng	100	
51) 2,6-Dinitrotoluene	14.057	165	58897	39.535	ng	96	03/11/2025
52) Acenaphthene	14.551	154	239713m	40.535	ng		
53) 3-Nitroaniline	14.381	138	60125	41.682	ng	99	
54) 2,4-Dinitrophenol	14.592	184	19576	35.836	ng	99	
55) Dibenzofuran	14.886	168	387167	40.413	ng	98	
56) 4-Nitrophenol	14.692	139	48293	39.920	ng	91	
57) 2,4-Dinitrotoluene	14.845	165	82152	39.981	ng	# 94	
58) Fluorene	15.532	166	297687	39.896	ng	97	
59) 2,3,4,6-Tetrachlorophenol	15.109	232	80517	43.692	ng	# 97	
60) Diethylphthalate	15.315	149	324148	40.007	ng	99	
61) 4-Chlorophenyl-phenyle...	15.532	204	145401	39.213	ng	92	
62) 4-Nitroaniline	15.550	138	65107	41.807	ng	88	
63) Azobenzene	15.826	77	340580	39.392	ng	97	
65) 4,6-Dinitro-2-methylph...	15.608	198	36088	39.895	ng	92	
66) n-Nitrosodiphenylamine	15.744	169	262404	42.426	ng	99	
67) 4-Bromophenyl-phenylether	16.425	248	93581	41.817	ng	95	
68) Hexachlorobenzene	16.537	284	104692	41.786	ng	94	
69) Atrazine	16.690	200	62375	34.275	ng	95	
70) Pentachlorophenol	16.878	266	64797	41.654	ng	95	
71) Phenanthrene	17.271	178	479519	41.144	ng	98	
72) Anthracene	17.359	178	484980	41.849	ng	98	
73) Carbazole	17.624	167	445367	41.162	ng	98	
74) Di-n-butylphthalate	18.200	149	545972	42.868	ng	100	
75) Fluoranthene	19.281	202	571089	40.646	ng	97	
77) Benzidine	19.463	184	203789	63.633	ng	99	
78) Pyrene	19.639	202	588965	39.505	ng	100	
80) Butylbenzylphthalate	20.544	149	230728	41.755	ng	98	
81) Benzo(a)anthracene	21.443	228	593862	40.085	ng	96	
82) 3,3'-Dichlorobenzidine	21.366	252	199778	41.667	ng	98	
83) Chrysene	21.502	228	576260	38.999	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.378	149	364766	45.526	ng	99	
85) Di-n-octyl phthalate	22.524	149	607728	43.975	ng	98	
87) Indeno(1,2,3-cd)pyrene	27.865	276	672971	42.106	ng	97	
88) Benzo(b)fluoranthene	23.523	252	605854	41.954	ng	98	
89) Benzo(k)fluoranthene	23.587	252	598826	41.334	ng	97	
90) Benzo(a)pyrene	24.334	252	530514	41.250	ng	97	
91) Dibenzo(a,h)anthracene	27.935	278	557315	42.060	ng	96	
92) Benzo(g,h,i)perylene	28.928	276	570328	41.923	ng	99	

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

