

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024617.D
 Acq On : 13 May 2025 12:43
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:05:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	112650	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	488721	20.00	ng	0.00
39) Acenaphthene-d10	14.299	164	323928	20.00	ng	0.00
64) Phenanthrene-d10	17.087	188	644367	20.00	ng	-0.01
76) Chrysene-d12	21.522	240	745224	20.00	ng	0.00
86) Perylene-d12	24.792	264	850264	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	261821	39.75	ng	0.00
7) Phenol-d6	6.858	99	334811	39.83	ng	0.00
23) Nitrobenzene-d5	8.811	82	391739	40.50	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	217092	39.53	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1006150	40.69	ng	0.00
79) Terphenyl-d14	19.810	244	1736879	39.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.229	88	60251	19.48	ng	98
3) Pyridine	3.628	79	135451	19.75	ng	99
4) n-Nitrosodimethylamine	3.540	42	59324	19.59	ng	99
6) Aniline	7.005	93	217646	20.05	ng	100
8) 2-Chlorophenol	7.240	128	147726	19.76	ng	99
9) Benzaldehyde	6.822	77	117823m	21.69	ng	
10) Phenol	6.881	94	171949	19.82	ng	99
11) bis(2-Chloroethyl)ether	7.099	93	141599	19.86	ng	99
12) 1,3-Dichlorobenzene	7.552	146	171270	19.91	ng	99
13) 1,4-Dichlorobenzene	7.699	146	171756	19.85	ng	98
14) 1,2-Dichlorobenzene	8.011	146	168795	20.02	ng	99
15) Benzyl Alcohol	7.911	79	127076	19.89	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	171274	20.06	ng	100
17) 2-Methylphenol	8.111	107	124506	20.01	ng	99
18) Hexachloroethane	8.728	117	65527	19.76	ng	97
19) n-Nitroso-di-n-propyla...	8.458	70	122386	21.05	ng	98
20) 3+4-Methylphenols	8.440	107	169264	20.00	ng	97
22) Acetophenone	8.481	105	249692	20.45	ng	# 100
24) Nitrobenzene	8.858	77	173686	20.40	ng	99
25) Isophorone	9.375	82	339697	20.25	ng	100
26) 2-Nitrophenol	9.563	139	82278	19.73	ng	98
27) 2,4-Dimethylphenol	9.622	122	146819	19.96	ng	97
28) bis(2-Chloroethoxy)met...	9.852	93	200872	20.04	ng	99
29) 2,4-Dichlorophenol	10.099	162	141785	19.90	ng	98
30) 1,2,4-Trichlorobenzene	10.299	180	159998	19.92	ng	95
31) Naphthalene	10.481	128	512888	20.25	ng	100
32) Benzoic acid	9.746	122	71538m	18.73	ng	
33) 4-Chloroaniline	10.605	127	205433	20.10	ng	99
34) Hexachlorobutadiene	10.763	225	103364	19.87	ng	99
35) Caprolactam	11.381	113	50721	19.68	ng	99
36) 4-Chloro-3-methylphenol	11.734	107	174840	20.12	ng	99
37) 2-Methylnaphthalene	12.093	142	327447	19.97	ng	99
38) 1-Methylnaphthalene	12.316	142	352091	20.07	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	185982	19.77	ng	99
41) Hexachlorocyclopentadiene	12.440	237	113499	19.90	ng	98
43) 2,4,6-Trichlorophenol	12.722	196	121520	19.95	ng	100

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44) 2,4,5-Trichlorophenol	12.799	196	135306	19.95	ng	98
46) 1,1'-Biphenyl	13.116	154	483352	20.19	ng	100
47) 2-Chloronaphthalene	13.163	162	366247	20.06	ng	100
48) 2-Nitroaniline	13.375	65	107062	19.81	ng	98
49) Acenaphthylene	14.016	152	621997	20.36	ng	100
50) Dimethylphthalate	13.751	163	491623	19.91	ng	99
51) 2,6-Dinitrotoluene	13.869	165	105479	20.23	ng	97
52) Acenaphthene	14.357	154	354519	20.19	ng	99
53) 3-Nitroaniline	14.210	138	106527	20.01	ng	98
54) 2,4-Dinitrophenol	14.428	184	46351	19.37	ng	91
55) Dibenzofuran	14.698	168	563719	20.12	ng	99
56) 4-Nitrophenol	14.551	139	71975	19.02	ng	93
57) 2,4-Dinitrotoluene	14.675	165	147676	20.09	ng	99
58) Fluorene	15.357	166	456792	20.00	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	123265	19.59	ng	99
60) Diethylphthalate	15.128	149	497916	19.95	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	226790	19.91	ng	98
62) 4-Nitroaniline	15.393	138	105617	20.37	ng	99
63) Azobenzene	15.651	77	439183	20.57	ng	99
65) 4,6-Dinitro-2-methylph...	15.451	198	77131	18.53	ng	96
66) n-Nitrosodiphenylamine	15.575	169	404085	20.42	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	152393	20.07	ng	97
68) Hexachlorobenzene	16.381	284	192290	19.93	ng	99
69) Atrazine	16.545	200	146468	20.19	ng	99
70) Pentachlorophenol	16.740	266	104916	19.36	ng	98
71) Phenanthrene	17.128	178	724922	20.24	ng	100
72) Anthracene	17.222	178	735787	20.42	ng	100
73) Carbazole	17.510	167	669730	20.53	ng	99
74) Di-n-butylphthalate	18.092	149	858522	20.46	ng	100
75) Fluoranthene	19.210	202	846684	20.22	ng	100
77) Benzidine	19.422	184	404890	19.79	ng	99
78) Pyrene	19.592	202	892037	19.98	ng	99
80) Butylbenzylphthalate	20.539	149	400050	20.14	ng	97
81) Benzo(a)anthracene	21.498	228	933614	19.95	ng	99
82) 3,3'-Dichlorobenzidine	21.428	252	353000	20.31	ng	100
83) Chrysene	21.569	228	883001	19.91	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	597012	20.45	ng	98
85) Di-n-octyl phthalate	22.686	149	947571	19.85	ng	99
87) Indeno(1,2,3-cd)pyrene	28.486	276	1230125m	19.81	ng	
88) Benzo(b)fluoranthene	23.757	252	979873	20.13	ng	99
89) Benzo(k)fluoranthene	23.822	252	1005349	20.05	ng	100
90) Benzo(a)pyrene	24.627	252	945764	20.23	ng	100
91) Dibenzo(a,h)anthracene	28.568	278	1008288	19.97	ng	99
92) Benzo(g,h,i)perylene	29.627	276	991852	19.75	ng	99

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

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