

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060925\
 Data File : BF142692.D
 Acq On : 09 Jun 2025 14:36
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 17:24:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 17:10:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	97257	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	377794	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	212806	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	371414	20.000	ng	0.00
76) Chrysene-d12	14.069	240	259086	20.000	ng	0.00
86) Perylene-d12	15.568	264	213990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	253706	44.293	ng	0.00
7) Phenol-d6	6.516	99	263788	39.271	ng	0.00
23) Nitrobenzene-d5	7.457	82	277271	40.334	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	85421	35.728	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	649459	41.737	ng	0.00
79) Terphenyl-d14	13.010	244	667945	40.773	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	44067	20.091	ng	99
3) Pyridine	3.452	79	118578	20.961	ng	100
4) n-Nitrosodimethylamine	3.387	42	56393	20.482	ng	99
6) Aniline	6.551	93	176517	19.573	ng	99
8) 2-Chlorophenol	6.675	128	123266	19.725	ng	98
9) Benzaldehyde	6.445	77	87375	23.074	ng	100
10) Phenol	6.534	94	148211	19.704	ng	95
11) bis(2-Chloroethyl)ether	6.628	93	105741	19.296	ng	98
12) 1,3-Dichlorobenzene	6.834	146	141389	20.202	ng	100
13) 1,4-Dichlorobenzene	6.910	146	146858	20.522	ng	98
14) 1,2-Dichlorobenzene	7.063	146	146565	21.481	ng	98
15) Benzyl Alcohol	7.034	79	102221	20.804	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	196048	21.971	ng	99
17) 2-Methylphenol	7.145	107	103484	21.595	ng	98
18) Hexachloroethane	7.410	117	51005	20.747	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	89745	22.792	ng	98
20) 3+4-Methylphenols	7.298	107	132491	22.450	ng	# 87
22) Acetophenone	7.298	105	177845	21.535	ng	99
24) Nitrobenzene	7.475	77	125527	20.247	ng	98
25) Isophorone	7.716	82	208716	18.714	ng	99
26) 2-Nitrophenol	7.792	139	64761	18.937	ng	99
27) 2,4-Dimethylphenol	7.828	122	111560	19.195	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	130451	18.649	ng	99
29) 2,4-Dichlorophenol	8.034	162	106135	19.933	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	118388	20.384	ng	99
31) Naphthalene	8.204	128	380874	20.459	ng	100
32) Benzoic acid	7.916	122	63100m	17.884	ng	
33) 4-Chloroaniline	8.251	127	156125	20.399	ng	99
34) Hexachlorobutadiene	8.316	225	73933	20.669	ng	99
35) Caprolactam	8.598	113	32693	19.991	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	110605	20.139	ng	96
37) 2-Methylnaphthalene	8.892	142	249705	21.317	ng	99
38) 1-Methylnaphthalene	8.992	142	244862	20.186	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	120558	19.603	ng	99
41) Hexachlorocyclopentadiene	9.045	237	63688	17.635	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	78817	19.532	ng	99

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44) 2,4,5-Trichlorophenol	9.210	196	87384	20.274	ng	97
46) 1,1'-Biphenyl	9.357	154	331680	20.044	ng	99
47) 2-Chloronaphthalene	9.381	162	244779	19.742	ng	99
48) 2-Nitroaniline	9.475	65	73463	19.911	ng	96
49) Acenaphthylene	9.798	152	433080	21.075	ng	99
50) Dimethylphthalate	9.651	163	280352	19.581	ng	100
51) 2,6-Dinitrotoluene	9.716	165	61708	19.923	ng	99
52) Acenaphthene	9.969	154	237722	18.911	ng	100
53) 3-Nitroaniline	9.886	138	71082	20.425	ng	100
54) 2,4-Dinitrophenol	9.992	184	27973	16.313	ng	92
55) Dibenzofuran	10.139	168	331063	18.358	ng	100
56) 4-Nitrophenol	10.045	139	40491	16.927	ng	97
57) 2,4-Dinitrotoluene	10.122	165	75034	18.073	ng	100
58) Fluorene	10.486	166	259108	17.976	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	63281	17.448	ng	96
60) Diethylphthalate	10.351	149	243045	17.485	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	123423	18.110	ng	98
62) 4-Nitroaniline	10.492	138	56537	17.125	ng	96
63) Azobenzene	10.633	77	222084	17.836	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	38913	16.427	ng	93
66) n-Nitrosodiphenylamine	10.592	169	220938	18.424	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	79084	19.264	ng	98
68) Hexachlorobenzene	11.033	284	92210	19.548	ng	99
69) Atrazine	11.116	200	70625	19.420	ng	99
70) Pentachlorophenol	11.228	266	49559	19.104	ng	99
71) Phenanthrene	11.451	178	415156	20.909	ng	99
72) Anthracene	11.504	178	425173	20.634	ng	100
73) Carbazole	11.657	167	363297	19.580	ng	99
74) Di-n-butylphthalate	11.980	149	419608	21.302	ng	100
75) Fluoranthene	12.639	202	387964	19.501	ng	100
77) Benzidine	12.763	184	184649	20.650	ng	99
78) Pyrene	12.869	202	411487	19.491	ng	100
80) Butylbenzylphthalate	13.486	149	132895	20.441	ng	98
81) Benzo(a)anthracene	14.057	228	351303	20.893	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	105486	19.626	ng	98
83) Chrysene	14.098	228	309949	19.461	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	138732	18.690	ng	99
85) Di-n-octyl phthalate	14.657	149	246651	17.085	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	305204	20.163	ng	99
88) Benzo(b)fluoranthene	15.121	252	273218	21.371	ng	99
89) Benzo(k)fluoranthene	15.151	252	233601	19.417	ng	99
90) Benzo(a)pyrene	15.498	252	239654	20.004	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	248970	20.432	ng	99
92) Benzo(g,h,i)perylene	17.533	276	245955	19.493	ng	99

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

