

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
 Data File : BF141116.D
 Acq On : 10 Jan 2025 15:56
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/13/2025
 Supervised By :Jagrut Upadhyay 01/13/2025

Quant Time: Jan 10 22:22:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:16:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	168217	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	622896	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	324975	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	530147	20.000	ng	0.00
76) Chrysene-d12	13.992	240	271894	20.000	ng	0.00
86) Perylene-d12	15.445	264	352412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1525899	140.129	ng	0.00
7) Phenol-d6	6.457	99	1918422	139.082	ng	0.01
23) Nitrobenzene-d5	7.392	82	1739858	148.062	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	557323	150.511	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2850587	133.948	ng	0.00
79) Terphenyl-d14	12.933	244	2467003	134.858	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.534	88	351852	72.560	ng	99
3) Pyridine	3.281	79	816147	68.634	ng	99
4) n-Nitrosodimethylamine	3.246	42	443961	76.356	ng	99
6) Aniline	6.528	93	815353m	66.578	ng	
8) 2-Chlorophenol	6.610	128	810074	69.339	ng	100
9) Benzaldehyde	6.375	77	386917	50.214	ng	99
10) Phenol	6.475	94	982234	66.523	ng	92
11) bis(2-Chloroethyl)ether	6.563	93	759196	68.993	ng	97
12) 1,3-Dichlorobenzene	6.763	146	907685	69.661	ng	99
13) 1,4-Dichlorobenzene	6.839	146	906155	69.012	ng	99
14) 1,2-Dichlorobenzene	6.998	146	823201	67.211	ng	98
15) Benzyl Alcohol	6.969	79	708910	71.166	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1068743	69.601	ng	98
17) 2-Methylphenol	7.075	107	679309	72.022	ng	99
18) Hexachloroethane	7.339	117	340288	71.665	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	567763	69.876	ng	98
20) 3+4-Methylphenols	7.234	107	788317	66.248	ng	# 87
22) Acetophenone	7.239	105	1043334	70.458	ng	# 96
24) Nitrobenzene	7.410	77	907998	74.141	ng	100
25) Isophorone	7.651	82	1494682	74.430	ng	99
26) 2-Nitrophenol	7.722	139	443880	79.678	ng	96
27) 2,4-Dimethylphenol	7.757	122	563927	75.046	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	918663	72.893	ng	99
29) 2,4-Dichlorophenol	7.963	162	667683	74.814	ng	100
30) 1,2,4-Trichlorobenzene	8.045	180	741753	72.713	ng	99
31) Naphthalene	8.128	128	2298309	69.966	ng	99
32) Benzoic acid	7.898	122	631685m	87.632	ng	
33) 4-Chloroaniline	8.186	127	841332	74.058	ng	99
34) Hexachlorobutadiene	8.245	225	456568	74.278	ng	99
35) Caprolactam	8.569	113	221670	75.721	ng	98
36) 4-Chloro-3-methylphenol	8.657	107	732005	74.998	ng	98
37) 2-Methylnaphthalene	8.822	142	1483547	70.873	ng	100
38) 1-Methylnaphthalene	8.922	142	1427855	69.214	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	683299	73.257	ng	99
41) Hexachlorocyclopentadiene	8.975	237	245929	80.590	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	482054	76.629	ng	99

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44) 2,4,5-Trichlorophenol	9.133	196	492630	74.149	ng	99
46) 1,1'-Biphenyl	9.286	154	1777908	70.447	ng	99
47) 2-Chloronaphthalene	9.310	162	1398207	71.131	ng	99
48) 2-Nitroaniline	9.404	65	450504	77.314	ng	99
49) Acenaphthylene	9.727	152	1983996	70.645	ng	99
50) Dimethylphthalate	9.592	163	1589275	72.846	ng	100
51) 2,6-Dinitrotoluene	9.651	165	379244	74.751	ng	96
52) Acenaphthene	9.898	154	1414785	72.106	ng	100
53) 3-Nitroaniline	9.816	138	391039	75.847	ng	98
54) 2,4-Dinitrophenol	9.922	184	215138	89.214	ng	97
55) Dibenzofuran	10.069	168	1879536	70.426	ng	99
56) 4-Nitrophenol	9.969	139	308922	76.509	ng	97
57) 2,4-Dinitrotoluene	10.051	165	497856	76.145	ng	98
58) Fluorene	10.410	166	1412871	68.143	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	404062	73.167	ng	100
60) Diethylphthalate	10.286	149	1514869	71.125	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	706991	69.961	ng	98
62) 4-Nitroaniline	10.433	138	373141	73.946	ng	99
63) Azobenzene	10.563	77	1485207	70.670	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	274625	89.395	ng	98
66) n-Nitrosodiphenylamine	10.527	169	1256185	73.463	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	468070	76.688	ng	99
68) Hexachlorobenzene	10.957	284	511144	75.230	ng	98
69) Atrazine	11.045	200	157235	34.150	ng	99
70) Pentachlorophenol	11.151	266	340145	78.173	ng	99
71) Phenanthrene	11.374	178	2003690	70.399	ng	100
72) Anthracene	11.427	178	1946835	70.347	ng	99
73) Carbazole	11.580	167	1717091	67.666	ng	100
74) Di-n-butylphthalate	11.916	149	1993804	68.655	ng	100
75) Fluoranthene	12.563	202	1830012	64.432	ng	99
77) Benzidine	12.680	184	344262	68.277	ng	99
78) Pyrene	12.792	202	1828995	70.429	ng	99
80) Butylbenzylphthalate	13.410	149	636843	73.552	ng	99
81) Benzo(a)anthracene	13.980	228	1396346	75.462	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	478908	81.281	ng	98
83) Chrysene	14.015	228	1290260	74.521	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	771818	74.293	ng	100
85) Di-n-octyl phthalate	14.592	149	1395174	88.933	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	2015034	78.045	ng	99
88) Benzo(b)fluoranthene	15.027	252	1737624	76.464	ng	100
89) Benzo(k)fluoranthene	15.057	252	1331349	69.325	ng	99
90) Benzo(a)pyrene	15.392	252	1418215	75.642	ng	100
91) Dibenzo(a,h)anthracene	16.939	278	1616825	77.425	ng	98
92) Benzo(g,h,i)perylene	17.362	276	1705087	78.500	ng	99

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

