

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031825\
 Data File : BF141988.D
 Acq On : 18 Mar 2025 10:59
 Operator : RC/JU
 Sample : PB167168BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167168BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/19/2025
 Supervised By :mohammad ahmed 03/24/2025

Quant Time: Mar 18 11:46:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	153624	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	605121	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	333256	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	550204	20.000	ng	0.00
76) Chrysene-d12	14.045	240	364178	20.000	ng	0.00
86) Perylene-d12	15.515	264	375705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1289349	140.074	ng	0.02
7) Phenol-d6	6.510	99	1576383	134.507	ng	0.00
23) Nitrobenzene-d5	7.445	82	1043365	97.032	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	634270	150.024	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2139796	97.649	ng	0.00
79) Terphenyl-d14	12.986	244	2369251	96.185	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	160315	41.567	ng	97
3) Pyridine	3.510	79	378424	40.000	ng	98
4) n-Nitrosodimethylamine	3.457	42	191144	42.385	ng	98
6) Aniline	6.545	93	467295	40.418	ng	99
8) 2-Chlorophenol	6.663	128	473450	46.377	ng	99
9) Benzaldehyde	6.428	77	131199	20.017	ng	99
10) Phenol	6.522	94	547930	44.441	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	410827	44.375	ng	99
12) 1,3-Dichlorobenzene	6.822	146	496621	45.059	ng	98
13) 1,4-Dichlorobenzene	6.898	146	507150	45.478	ng	99
14) 1,2-Dichlorobenzene	7.051	146	484885	46.164	ng	98
15) Benzyl Alcohol	7.022	79	412918	43.581	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	462263	41.359	ng	98
17) 2-Methylphenol	7.128	107	371351	45.750	ng	100
18) Hexachloroethane	7.392	117	186696	44.646	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	315123	41.846	ng	100
20) 3+4-Methylphenols	7.281	107	464568	44.683	ng	# 90
22) Acetophenone	7.286	105	703789	48.567	ng	96
24) Nitrobenzene	7.463	77	476326	44.560	ng	99
25) Isophorone	7.698	82	861775	45.339	ng	99
26) 2-Nitrophenol	7.775	139	250549	47.756	ng	99
27) 2,4-Dimethylphenol	7.810	122	398959	55.226	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	517502	43.409	ng	99
29) 2,4-Dichlorophenol	8.016	162	403105	44.955	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	442720	44.802	ng	98
31) Naphthalene	8.186	128	1349583	43.417	ng	100
32) Benzoic acid	7.928	122	318732	50.192	ng	98
33) 4-Chloroaniline	8.228	127	225971	20.593	ng	98
34) Hexachlorobutadiene	8.298	225	297040	46.093	ng	99
35) Caprolactam	8.598	113	131150m	47.974	ng	
36) 4-Chloro-3-methylphenol	8.710	107	431630	43.152	ng	99
37) 2-Methylnaphthalene	8.875	142	876224	42.173	ng	100
38) 1-Methylnaphthalene	8.975	142	843623	42.077	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	524826	51.726	ng	98
41) Hexachlorocyclopentadiene	9.028	237	668256	168.290	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	301417	45.456	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	314799	46.874	ng	99
46) 1,1'-Biphenyl	9.339	154	1251387	49.420	ng	100
47) 2-Chloronaphthalene	9.363	162	859555	45.544	ng	99
48) 2-Nitroaniline	9.457	65	243726	44.601	ng	97
49) Acenaphthylene	9.780	152	1335434	47.682	ng	100
50) Dimethylphthalate	9.639	163	1015664	43.521	ng	100
51) 2,6-Dinitrotoluene	9.698	165	221617	45.610	ng	95
52) Acenaphthene	9.951	154	991021	50.351	ng	99
53) 3-Nitroaniline	9.869	138	137483	27.894	ng	97
54) 2,4-Dinitrophenol	9.975	184	261502	93.511	ng	# 47
55) Dibenzofuran	10.122	168	1217099	43.277	ng	99
56) 4-Nitrophenol	10.027	139	367609	98.900	ng	96
57) 2,4-Dinitrotoluene	10.104	165	301837	47.561	ng	98
58) Fluorene	10.469	166	954715	44.021	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	278073	45.502	ng	98
60) Diethylphthalate	10.339	149	990323	42.558	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	494016	43.691	ng	98
62) 4-Nitroaniline	10.480	138	209808	43.724	ng	98
63) Azobenzene	10.616	77	894901	41.365	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	162385	49.508	ng	100
66) n-Nitrosodiphenylamine	10.575	169	827044	46.450	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	317766	45.987	ng	100
68) Hexachlorobenzene	11.016	284	366094	48.306	ng	94
69) Atrazine	11.104	200	322158	59.022	ng	99
70) Pentachlorophenol	11.210	266	435894	93.351	ng	99
71) Phenanthrene	11.427	178	1374452	46.249	ng	100
72) Anthracene	11.480	178	1412854	47.387	ng	100
73) Carbazole	11.633	167	1155342	44.932	ng	100
74) Di-n-butylphthalate	11.963	149	1479834	43.374	ng	99
75) Fluoranthene	12.616	202	1339128	42.479	ng	99
77) Benzidine	12.733	184	367890	72.405	ng	99
78) Pyrene	12.845	202	1330654	42.241	ng	99
80) Butylbenzylphthalate	13.463	149	514197	41.703	ng	97
81) Benzo(a)anthracene	14.033	228	1117238	46.751	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	265251	38.409	ng	99
83) Chrysene	14.068	228	998209	46.080	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	728315	42.841	ng	100
85) Di-n-octyl phthalate	14.633	149	1189008	50.266	ng	98
87) Indeno(1,2,3-cd)pyrene	17.015	276	1215297	50.004	ng	98
88) Benzo(b)fluoranthene	15.086	252	1022729	39.719	ng	99
89) Benzo(k)fluoranthene	15.115	252	1001088	45.431	ng	99
90) Benzo(a)pyrene	15.457	252	970694	48.179	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	988318	49.287	ng	99
92) Benzo(g,h,i)perylene	17.462	276	923868	46.622	ng	98

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

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