

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142154.D
 Acq On : 28 Mar 2025 12:02
 Operator : RC/JU
 Sample : PB167349BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167349BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025

Quant Time: Mar 28 12:30:03 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	6.869	152	135917	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	522245	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	326129	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	541194	20.000	ng	0.00
76) Chrysene-d12	14.039	240	339098	20.000	ng	0.00
86) Perylene-d12	15.515	264	340958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1046363	128.486	ng	0.00
7) Phenol-d6	6.498	99	1306945	126.045	ng	0.00
23) Nitrobenzene-d5	7.433	82	855976	92.238	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	636883	153.934	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1899544	88.580	ng	-0.01
79) Terphenyl-d14	12.980	244	2210262	96.367	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	126392	37.040	ng	97
3) Pyridine	3.469	79	344755	41.189	ng	98
4) n-Nitrosodimethylamine	3.422	42	160906	40.328	ng	93
6) Aniline	6.534	93	384589	37.599	ng	97
8) 2-Chlorophenol	6.657	128	450168	49.841	ng	97
9) Benzaldehyde	6.422	77	278104	47.957	ng	98
10) Phenol	6.516	94	510283	46.779	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	374936	45.775	ng	98
12) 1,3-Dichlorobenzene	6.810	146	466779	47.869	ng	98
13) 1,4-Dichlorobenzene	6.886	146	469926	47.630	ng	99
14) 1,2-Dichlorobenzene	7.039	146	451904	48.629	ng	98
15) Benzyl Alcohol	7.010	79	390226	46.552	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	402222	40.675	ng	96
17) 2-Methylphenol	7.122	107	354691	49.390	ng	99
18) Hexachloroethane	7.381	117	174610	47.196	ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	290082	43.539	ng	98
20) 3+4-Methylphenols	7.275	107	447654	48.666	ng	# 89
22) Acetophenone	7.281	105	590005	47.176	ng	97
24) Nitrobenzene	7.457	77	445293	48.268	ng	97
25) Isophorone	7.692	82	817988	49.865	ng	100
26) 2-Nitrophenol	7.769	139	246539	54.449	ng	98
27) 2,4-Dimethylphenol	7.804	122	415305	66.612	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	491701	47.790	ng	99
29) 2,4-Dichlorophenol	8.010	162	375312	48.498	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	408068	47.849	ng	98
31) Naphthalene	8.175	128	1228587	45.797	ng	100
32) Benzoic acid	7.928	122	293628	53.577	ng	95
33) 4-Chloroaniline	8.222	127	91292	9.640	ng	96
34) Hexachlorobutadiene	8.292	225	271849	48.878	ng	98
35) Caprolactam	8.598	113	127922m	54.219	ng	
36) 4-Chloro-3-methylphenol	8.704	107	442122	51.215	ng	98
37) 2-Methylnaphthalene	8.869	142	773861	43.157	ng	100
38) 1-Methylnaphthalene	8.969	142	827121	47.801	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	458117	46.138	ng	98
41) Hexachlorocyclopentadiene	9.022	237	621272	159.877	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	312066	48.090	ng	99

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44) 2,4,5-Trichlorophenol	9.186	196	333977	50.816	ng	97
46) 1,1'-Biphenyl	9.333	154	1136844	45.878	ng	99
47) 2-Chloronaphthalene	9.357	162	856757	46.388	ng	98
48) 2-Nitroaniline	9.451	65	241595	45.177	ng	97
49) Acenaphthylene	9.774	152	1377270	50.250	ng	100
50) Dimethylphthalate	9.633	163	1094785	47.937	ng	100
51) 2,6-Dinitrotoluene	9.698	165	240638	50.606	ng	90
52) Acenaphthene	9.945	154	1010352	52.455	ng	99
53) 3-Nitroaniline	9.863	138	96585	20.024	ng	98
54) 2,4-Dinitrophenol	9.975	184	283837	102.999	ng	# 43
55) Dibenzofuran	10.116	168	1180660	42.899	ng	99
56) 4-Nitrophenol	10.027	139	373120	102.577	ng	94
57) 2,4-Dinitrotoluene	10.104	165	318259	51.244	ng	99
58) Fluorene	10.463	166	1010330	47.603	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	284936	47.644	ng	96
60) Diethylphthalate	10.333	149	999734	43.901	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	526088	47.544	ng	97
62) 4-Nitroaniline	10.480	138	230108	49.002	ng	97
63) Azobenzene	10.610	77	928430	43.852	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	193669	60.028	ng	94
66) n-Nitrosodiphenylamine	10.569	169	897261	51.233	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	326312	48.010	ng	99
68) Hexachlorobenzene	11.010	284	383548	51.452	ng	95
69) Atrazine	11.098	200	312180	58.146	ng	98
70) Pentachlorophenol	11.204	266	444946	96.876	ng	100
71) Phenanthrene	11.421	178	1428498	48.868	ng	99
72) Anthracene	11.474	178	1480773	50.492	ng	100
73) Carbazole	11.627	167	1234919	48.827	ng	100
74) Di-n-butylphthalate	11.957	149	1550019	46.187	ng	100
75) Fluoranthene	12.610	202	1453458	46.874	ng	100
77) Benzidine	12.733	184	444068	93.862	ng	100
78) Pyrene	12.839	202	1419919	48.408	ng	100
80) Butylbenzylphthalate	13.457	149	537240	46.795	ng	97
81) Benzo(a)anthracene	14.027	228	1079150	48.497	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	118926	18.494	ng	99
83) Chrysene	14.062	228	1002295	49.691	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	719866	45.476	ng	100
85) Di-n-octyl phthalate	14.627	149	1088094	49.402	ng	97
87) Indeno(1,2,3-cd)pyrene	17.009	276	960527	43.549	ng	97
88) Benzo(b)fluoranthene	15.080	252	1081421	46.278	ng	100
89) Benzo(k)fluoranthene	15.109	252	910352	45.523	ng	99
90) Benzo(a)pyrene	15.451	252	945725	51.723	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	778712	42.791	ng	98
92) Benzo(g,h,i)perylene	17.456	276	740111	41.156	ng	98

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

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