

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142094.D
 Acq On : 26 Mar 2025 13:37
 Operator : RC/JU
 Sample : PB167291BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167291BS

Manual Integrations
 APPROVED

Reviewed By :Anahy
 Claudio

03/27/2025
 Supervised By :Jagrut
 Upadhyay

Quant Time: Mar 26 14:06:21 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	122397	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	473296	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	268303	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	482043	20.000	ng	0.00
76) Chrysene-d12	14.039	240	322263	20.000	ng	0.00
86) Perylene-d12	15.510	264	321854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1099322	149.899	ng	0.00
7) Phenol-d6	6.498	99	1332641	142.720	ng	0.00
23) Nitrobenzene-d5	7.434	82	881864	104.856	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	608306	178.715	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1825598	103.480	ng	-0.01
79) Terphenyl-d14	12.980	244	2380144	109.194	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	135358	44.050	ng	97
3) Pyridine	3.475	79	359174	47.652	ng	97
4) n-Nitrosodimethylamine	3.422	42	171377	47.697	ng	98
6) Aniline	6.534	93	418030	45.382	ng	98
8) 2-Chlorophenol	6.657	128	420471	51.695	ng	97
9) Benzaldehyde	6.422	77	268723	51.458	ng	99
10) Phenol	6.516	94	481278	48.994	ng	93
11) bis(2-Chloroethyl)ether	6.604	93	355700	48.223	ng	98
12) 1,3-Dichlorobenzene	6.810	146	450295	51.280	ng	99
13) 1,4-Dichlorobenzene	6.887	146	457906	51.539	ng	98
14) 1,2-Dichlorobenzene	7.040	146	440363	52.622	ng	98
15) Benzyl Alcohol	7.010	79	362439	48.013	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	379045	42.565	ng	95
17) 2-Methylphenol	7.122	107	326201	50.440	ng	99
18) Hexachloroethane	7.381	117	169263	50.804	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	267458	44.577	ng	99
20) 3+4-Methylphenols	7.275	107	410242	49.525	ng	# 84
22) Acetophenone	7.281	105	555798	49.037	ng	98
24) Nitrobenzene	7.451	77	418165	50.015	ng	99
25) Isophorone	7.692	82	742771	49.963	ng	99
26) 2-Nitrophenol	7.769	139	220621	53.764	ng	98
27) 2,4-Dimethylphenol	7.804	122	376818	66.689	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	443089	47.519	ng	100
29) 2,4-Dichlorophenol	8.010	162	354540	50.552	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	401088	51.894	ng	99
31) Naphthalene	8.175	128	1194119	49.116	ng	100
32) Benzoic acid	7.922	122	243742	49.074	ng	98
33) 4-Chloroaniline	8.222	127	153268	17.858	ng	98
34) Hexachlorobutadiene	8.292	225	272530	54.069	ng	98
35) Caprolactam	8.592	113	112185m	52.467	ng	
36) 4-Chloro-3-methylphenol	8.704	107	386684	49.426	ng	99
37) 2-Methylnaphthalene	8.869	142	720088	44.311	ng	99
38) 1-Methylnaphthalene	8.963	142	754833	48.135	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	418002	51.171	ng	98
41) Hexachlorocyclopentadiene	9.022	237	592891	185.457	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	271573	50.870	ng	100

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44) 2,4,5-Trichlorophenol	9.181	196	291268	53.869	ng	99
46) 1,1'-Biphenyl	9.334	154	1012662	49.674	ng	99
47) 2-Chloronaphthalene	9.357	162	768374	50.569	ng	99
48) 2-Nitroaniline	9.451	65	227209	51.644	ng	97
49) Acenaphthylene	9.775	152	1220523	54.129	ng	100
50) Dimethylphthalate	9.634	163	926449	49.309	ng	99
51) 2,6-Dinitrotoluene	9.692	165	205681	52.577	ng	95
52) Acenaphthene	9.945	154	901603	56.898	ng	99
53) 3-Nitroaniline	9.863	138	119271	30.057	ng	95
54) 2,4-Dinitrophenol	9.969	184	245430	107.921	ng	# 48
55) Dibenzofuran	10.116	168	1104971	48.802	ng	99
56) 4-Nitrophenol	10.022	139	339980	113.610	ng	97
57) 2,4-Dinitrotoluene	10.098	165	294818	57.701	ng	99
58) Fluorene	10.457	166	893289	51.160	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	265659	53.994	ng	96
60) Diethylphthalate	10.334	149	918085	49.005	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	459496	50.476	ng	96
62) 4-Nitroaniline	10.481	138	213211	55.190	ng	98
63) Azobenzene	10.610	77	808197	46.401	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	167710	58.361	ng	98
66) n-Nitrosodiphenylamine	10.569	169	783637	50.236	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	305258	50.423	ng	98
68) Hexachlorobenzene	11.004	284	358503	53.993	ng	97
69) Atrazine	11.098	200	292239	61.112	ng	99
70) Pentachlorophenol	11.198	266	427356	104.464	ng	99
71) Phenanthrene	11.422	178	1352485	51.945	ng	100
72) Anthracene	11.475	178	1399528	53.577	ng	100
73) Carbazole	11.628	167	1203410	53.419	ng	100
74) Di-n-butylphthalate	11.957	149	1439596	48.161	ng	99
75) Fluoranthene	12.610	202	1410069	51.055	ng	99
77) Benzidine	12.733	184	529491	117.765	ng	100
78) Pyrene	12.839	202	1404222	50.374	ng	100
80) Butylbenzylphthalate	13.457	149	511101	46.844	ng	96
81) Benzo(a)anthracene	14.027	228	1122815	53.096	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	152262	24.915	ng	98
83) Chrysene	14.063	228	999922	52.163	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	652335	43.363	ng	99
85) Di-n-octyl phthalate	14.621	149	971171	46.397	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1033775	49.652	ng	97
88) Benzo(b)fluoranthene	15.080	252	1022975	46.376	ng	99
89) Benzo(k)fluoranthene	15.110	252	957431	50.719	ng	99
90) Benzo(a)pyrene	15.451	252	941727	54.561	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	839440	48.866	ng	98
92) Benzo(g,h,i)perylene	17.451	276	781614	46.043	ng	98

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

Manual Integrations

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