

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142025.D
 Acq On : 21 Mar 2025 12:25
 Operator : RC/JU
 Sample : PB167228BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167228BS

Quant Time: Mar 21 12:45:36 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

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	144154	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	556729	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	307856	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	509905	20.000	ng	0.00
76) Chrysene-d12	14.039	240	285278	20.000	ng	0.00
86) Perylene-d12	15.509	264	309236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1137616	131.709	ng	0.01
7) Phenol-d6	6.504	99	1404899	127.750	ng	0.00
23) Nitrobenzene-d5	7.439	82	917585	92.752	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	568762	145.629	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1936932	95.685	ng	0.00
79) Terphenyl-d14	12.980	244	1975389	102.375	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	143277	39.589	ng	98
3) Pyridine	3.493	79	336881	37.948	ng	97
4) n-Nitrosodimethylamine	3.434	42	169290	40.005	ng	97
6) Aniline	6.539	93	409681	37.763	ng	99
8) 2-Chlorophenol	6.657	128	417543	43.587	ng	99
9) Benzaldehyde	6.422	77	105462	17.147	ng	99
10) Phenol	6.516	94	482481	41.703	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	360445	41.491	ng	98
12) 1,3-Dichlorobenzene	6.816	146	440891	42.631	ng	99
13) 1,4-Dichlorobenzene	6.892	146	448527	42.864	ng	99
14) 1,2-Dichlorobenzene	7.045	146	428526	43.479	ng	98
15) Benzyl Alcohol	7.016	79	364778	41.029	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	403685	38.490	ng	97
17) 2-Methylphenol	7.122	107	326060	42.809	ng	100
18) Hexachloroethane	7.386	117	167443	42.673	ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	274229	38.808	ng	99
20) 3+4-Methylphenols	7.275	107	411200	42.148	ng	# 89
22) Acetophenone	7.281	105	617353	46.305	ng	96
24) Nitrobenzene	7.457	77	420865	42.794	ng	98
25) Isophorone	7.692	82	760904	43.512	ng	100
26) 2-Nitrophenol	7.769	139	223289	46.260	ng	99
27) 2,4-Dimethylphenol	7.804	122	349531	52.589	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	451175	41.135	ng	100
29) 2,4-Dichlorophenol	8.010	162	358876	43.502	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	392827	43.208	ng	99
31) Naphthalene	8.181	128	1197124	41.860	ng	100
32) Benzoic acid	7.922	122	266191	45.562	ng	98
33) 4-Chloroaniline	8.222	127	240643	23.836	ng	98
34) Hexachlorobutadiene	8.292	225	263456	44.435	ng	99
35) Caprolactam	8.592	113	117356m	46.660	ng	
36) 4-Chloro-3-methylphenol	8.704	107	383818	41.707	ng	98
37) 2-Methylnaphthalene	8.869	142	774649	40.525	ng	100
38) 1-Methylnaphthalene	8.969	142	757176	41.048	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	464488	49.556	ng	98
41) Hexachlorocyclopentadiene	9.022	237	558330	152.208	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	268939	43.904	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	283125	45.636	ng	99
46) 1,1'-Biphenyl	9.333	154	1131780	48.385	ng	99
47) 2-Chloronaphthalene	9.357	162	769067	44.111	ng	99
48) 2-Nitroaniline	9.451	65	218209	43.226	ng	98
49) Acenaphthylene	9.774	152	1194573	46.172	ng	100
50) Dimethylphthalate	9.633	163	927676	43.031	ng	100
51) 2,6-Dinitrotoluene	9.692	165	203101	45.248	ng	95
52) Acenaphthene	9.945	154	892937	49.111	ng	99
53) 3-Nitroaniline	9.863	138	125764	27.621	ng	97
54) 2,4-Dinitrophenol	9.969	184	218623	85.253	ng	# 50
55) Dibenzofuran	10.116	168	1087200	41.848	ng	99
56) 4-Nitrophenol	10.022	139	294328	85.718	ng	97
57) 2,4-Dinitrotoluene	10.098	165	275485	46.990	ng	97
58) Fluorene	10.463	166	863624	43.106	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	248976	44.102	ng	97
60) Diethylphthalate	10.333	149	895359	41.651	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	450535	43.133	ng	98
62) 4-Nitroaniline	10.474	138	173513	39.143	ng	98
63) Azobenzene	10.610	77	806770	40.368	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	147684	48.584	ng	99
66) n-Nitrosodiphenylamine	10.569	169	744460	45.117	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	289389	45.190	ng	98
68) Hexachlorobenzene	11.010	284	331449	47.191	ng	94
69) Atrazine	11.098	200	288469	57.027	ng	98
70) Pentachlorophenol	11.204	266	374563	86.556	ng	99
71) Phenanthrene	11.421	178	1219981	44.296	ng	99
72) Anthracene	11.474	178	1230532	44.534	ng	100
73) Carbazole	11.627	167	978145	41.047	ng	100
74) Di-n-butylphthalate	11.957	149	1314628	41.577	ng	99
75) Fluoranthene	12.610	202	1143037	39.125	ng	100
77) Benzidine	12.727	184	241914	60.780	ng	100
78) Pyrene	12.839	202	1124823	45.582	ng	99
80) Butylbenzylphthalate	13.457	149	406569	42.094	ng	97
81) Benzo(a)anthracene	14.027	228	840023	44.873	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	173416	32.056	ng	99
83) Chrysene	14.062	228	744240	43.859	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	542707	40.753	ng	100
85) Di-n-octyl phthalate	14.627	149	861143	46.474	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	831472	41.565	ng	98
88) Benzo(b)fluoranthene	15.074	252	845477	39.893	ng	99
89) Benzo(k)fluoranthene	15.104	252	745574	41.108	ng	99
90) Benzo(a)pyrene	15.445	252	755641	45.566	ng	100
91) Dibenzo(a,h)anthracene	17.015	278	665920	40.347	ng	99
92) Benzo(g,h,i)perylene	17.450	276	618598	37.927	ng	97

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

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