

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141860.D
 Acq On : 06 Mar 2025 10:52
 Operator : RC/JU
 Sample : PB166984BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166984BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/07/2025
 Supervised By :Jagrut Upadhyay 03/07/2025

Quant Time: Mar 06 15:49:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	222677	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	860348	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	467040	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	801941	20.000	ng	0.00
76) Chrysene-d12	14.045	240	537472	20.000	ng	0.00
86) Perylene-d12	15.515	264	470320	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1701069	121.997	ng	0.02
7) Phenol-d6	6.510	99	2108392	116.173	ng	0.00
23) Nitrobenzene-d5	7.445	82	1408232	104.625	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	725902	165.555	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2659506	91.306	ng	0.00
79) Terphenyl-d14	12.992	244	3153921	94.941	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	226101	35.737	ng	97
3) Pyridine	3.522	79	549854	34.929	ng	96
4) n-Nitrosodimethylamine	3.469	42	285971	37.755	ng	99
6) Aniline	6.551	93	522189	27.676	ng	99
8) 2-Chlorophenol	6.669	128	628313	41.655	ng	96
9) Benzaldehyde	6.434	77	225786	21.388	ng	99
10) Phenol	6.522	94	741067	38.212	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	565937	38.283	ng	96
12) 1,3-Dichlorobenzene	6.828	146	656353	40.633	ng	99
13) 1,4-Dichlorobenzene	6.904	146	663658	40.775	ng	99
14) 1,2-Dichlorobenzene	7.057	146	641692	42.221	ng	99
15) Benzyl Alcohol	7.022	79	556826	38.390	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	756011	33.675	ng	96
17) 2-Methylphenol	7.134	107	501492	40.279	ng	98
18) Hexachloroethane	7.398	117	250476	41.116	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	427099	35.799	ng	98
20) 3+4-Methylphenols	7.281	107	621360	40.079	ng	94
22) Acetophenone	7.292	105	924853	44.138	ng	99
24) Nitrobenzene	7.463	77	656445	45.544	ng	100
25) Isophorone	7.704	82	1189358	41.131	ng	99
26) 2-Nitrophenol	7.781	139	317830	49.233	ng	98
27) 2,4-Dimethylphenol	7.810	122	545219	51.293	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	709782	38.479	ng	99
29) 2,4-Dichlorophenol	8.016	162	509337	41.536	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	565708	42.101	ng	99
31) Naphthalene	8.187	128	1798156	40.665	ng	99
32) Benzoic acid	7.928	122	436083	48.969	ng	98
33) 4-Chloroaniline	8.228	127	196072	12.093	ng	98
34) Hexachlorobutadiene	8.304	225	363439	43.526	ng	99
35) Caprolactam	8.598	113	181228m	48.041	ng	
36) 4-Chloro-3-methylphenol	8.710	107	555267	40.762	ng	97
37) 2-Methylnaphthalene	8.881	142	1136178	39.174	ng	100
38) 1-Methylnaphthalene	8.981	142	1106172	39.748	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	621149	46.050	ng	99
41) Hexachlorocyclopentadiene	9.034	237	830196	147.481	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	381567	43.792	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	393469	45.604	ng	98
46) 1,1'-Biphenyl	9.345	154	1611215	45.323	ng	98
47) 2-Chloronaphthalene	9.369	162	1098889	41.882	ng	99
48) 2-Nitroaniline	9.457	65	341789	47.626	ng	97
49) Acenaphthylene	9.786	152	1713470	43.557	ng	99
50) Dimethylphthalate	9.645	163	1313815	42.006	ng	99
51) 2,6-Dinitrotoluene	9.704	165	288768	48.247	ng	92
52) Acenaphthene	9.957	154	1266215	47.702	ng	99
53) 3-Nitroaniline	9.869	138	153204	25.520	ng	# 95
54) 2,4-Dinitrophenol	9.975	184	346122	111.084	ng	# 1
55) Dibenzofuran	10.128	168	1544243	39.970	ng	99
56) 4-Nitrophenol	10.028	139	525883	113.842	ng	95
57) 2,4-Dinitrotoluene	10.104	165	401637	54.446	ng	95
58) Fluorene	10.469	166	1226351	42.376	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	338195	45.070	ng	98
60) Diethylphthalate	10.345	149	1281425	40.869	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	612702	42.256	ng	99
62) 4-Nitroaniline	10.486	138	293220	54.897	ng	97
63) Azobenzene	10.622	77	1253041	37.955	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	220801	56.697	ng	93
66) n-Nitrosodiphenylamine	10.581	169	1071992	40.709	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	391710	41.818	ng	98
68) Hexachlorobenzene	11.016	284	432837	43.759	ng	99
69) Atrazine	11.104	200	433249	59.829	ng	100
70) Pentachlorophenol	11.210	266	574113	91.516	ng	100
71) Phenanthrene	11.433	178	1812700	42.258	ng	100
72) Anthracene	11.486	178	1854922	43.146	ng	99
73) Carbazole	11.633	167	1634694	43.058	ng	100
74) Di-n-butylphthalate	11.969	149	1951706	40.557	ng	100
75) Fluoranthene	12.616	202	1922924	43.749	ng	98
77) Benzidine	12.733	184	493167	72.902	ng	100
78) Pyrene	12.845	202	1941461	41.714	ng	100
80) Butylbenzylphthalate	13.463	149	730230	43.184	ng	99
81) Benzo(a)anthracene	14.033	228	1506856	42.445	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	219648	21.565	ng	99
83) Chrysene	14.069	228	1403466	42.886	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	932426	44.285	ng	100
85) Di-n-octyl phthalate	14.633	149	1360035	43.146	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	1416313	47.292	ng	97
88) Benzo(b)fluoranthene	15.080	252	1297204	40.491	ng	99
89) Benzo(k)fluoranthene	15.110	252	1099133	40.365	ng	99
90) Benzo(a)pyrene	15.451	252	1136844	44.247	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1137230	46.521	ng	97
92) Benzo(g,h,i)perylene	17.457	276	1105086	44.126	ng	97

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

