

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142078.D
 Acq On : 25 Mar 2025 15:07
 Operator : RC/JU
 Sample : PB167254BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167254BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025

Quant Time: Mar 25 15:36:36 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	140188	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	560217	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	321531	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	576228	20.000	ng	0.00
76) Chrysene-d12	14.033	240	331995	20.000	ng	0.00
86) Perylene-d12	15.504	264	292647	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1139907	135.708	ng	0.00
7) Phenol-d6	6.504	99	1418143	132.602	ng	0.00
23) Nitrobenzene-d5	7.440	82	942813	94.709	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	681106	166.977	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2019216	95.507	ng	-0.01
79) Terphenyl-d14	12.980	244	2633359	117.270	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	144815	41.146	ng	97
3) Pyridine	3.493	79	335219	38.829	ng	95
4) n-Nitrosodimethylamine	3.434	42	165202	40.143	ng	95
6) Aniline	6.534	93	395413	37.479	ng	93
8) 2-Chlorophenol	6.657	128	424524	45.570	ng	98
9) Benzaldehyde	6.422	77	102267	17.098	ng	100
10) Phenol	6.516	94	491842	43.715	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	360718	42.697	ng	98
12) 1,3-Dichlorobenzene	6.816	146	447551	44.499	ng	98
13) 1,4-Dichlorobenzene	6.893	146	450214	44.242	ng	98
14) 1,2-Dichlorobenzene	7.045	146	436189	45.508	ng	98
15) Benzyl Alcohol	7.016	79	364176	42.120	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	398307	39.052	ng	95
17) 2-Methylphenol	7.122	107	338893	45.752	ng	99
18) Hexachloroethane	7.387	117	166914	43.741	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	278124	40.472	ng	98
20) 3+4-Methylphenols	7.275	107	422589	44.541	ng	# 86
22) Acetophenone	7.281	105	624598	46.557	ng	97
24) Nitrobenzene	7.457	77	427778	43.226	ng	98
25) Isophorone	7.692	82	782075	44.444	ng	99
26) 2-Nitrophenol	7.769	139	232098	47.785	ng	99
27) 2,4-Dimethylphenol	7.804	122	366432	54.789	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	465873	42.211	ng	99
29) 2,4-Dichlorophenol	8.010	162	379264	45.687	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	403139	44.067	ng	99
31) Naphthalene	8.175	128	1230997	42.776	ng	99
32) Benzoic acid	7.928	122	292285	49.717	ng	98
33) 4-Chloroaniline	8.222	127	204286	20.109	ng	97
34) Hexachlorobutadiene	8.292	225	272869	45.736	ng	98
35) Caprolactam	8.592	113	131629m	52.009	ng	
36) 4-Chloro-3-methylphenol	8.704	107	418800	45.225	ng	99
37) 2-Methylnaphthalene	8.869	142	806451	41.926	ng	99
38) 1-Methylnaphthalene	8.969	142	793632	42.756	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	484815	49.525	ng	98
41) Hexachlorocyclopentadiene	9.022	237	573181	149.611	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	303620	47.458	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	306584	47.315	ng	100
46) 1,1'-Biphenyl	9.334	154	1171276	47.943	ng	99
47) 2-Chloronaphthalene	9.357	162	824543	45.282	ng	99
48) 2-Nitroaniline	9.451	65	244621	46.397	ng	97
49) Acenaphthylene	9.775	152	1289842	47.733	ng	100
50) Dimethylphthalate	9.633	163	1025138	45.529	ng	100
51) 2,6-Dinitrotoluene	9.692	165	226093	48.228	ng	95
52) Acenaphthene	9.945	154	977111	51.455	ng	100
53) 3-Nitroaniline	9.863	138	142889	30.048	ng	95
54) 2,4-Dinitrophenol	9.969	184	263996	97.541	ng	# 49
55) Dibenzofuran	10.116	168	1199543	44.208	ng	99
56) 4-Nitrophenol	10.028	139	342454	95.492	ng	96
57) 2,4-Dinitrotoluene	10.098	165	318954	52.091	ng	98
58) Fluorene	10.463	166	960647	45.909	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	276126	46.831	ng	99
60) Diethylphthalate	10.333	149	1009592	44.968	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	498601	45.705	ng	98
62) 4-Nitroaniline	10.480	138	211671	45.721	ng	98
63) Azobenzene	10.610	77	887847	42.535	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	180681	52.598	ng	93
66) n-Nitrosodiphenylamine	10.569	169	844130	45.269	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	327857	45.304	ng	99
68) Hexachlorobenzene	11.010	284	390852	49.244	ng	92
69) Atrazine	11.098	200	350688	61.348	ng	99
70) Pentachlorophenol	11.204	266	459633	93.990	ng	99
71) Phenanthrene	11.422	178	1433523	46.059	ng	99
72) Anthracene	11.475	178	1477126	47.305	ng	100
73) Carbazole	11.627	167	1214986	45.118	ng	100
74) Di-n-butylphthalate	11.957	149	1588545	44.457	ng	99
75) Fluoranthene	12.610	202	1475898	44.704	ng	99
77) Benzidine	12.727	184	276682	59.733	ng	99
78) Pyrene	12.839	202	1465000	51.013	ng	100
80) Butylbenzylphthalate	13.451	149	551623	49.076	ng	100
81) Benzo(a)anthracene	14.027	228	1028335	47.202	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	209491	33.275	ng	99
83) Chrysene	14.063	228	903542	45.754	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	744242	48.022	ng	100
85) Di-n-octyl phthalate	14.621	149	1008397	46.763	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	770408	40.696	ng	97
88) Benzo(b)fluoranthene	15.074	252	907093	45.226	ng	100
89) Benzo(k)fluoranthene	15.104	252	750155	43.705	ng	99
90) Benzo(a)pyrene	15.445	252	764955	48.743	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	622602	39.861	ng	99
92) Benzo(g,h,i)perylene	17.445	276	562360	36.434	ng	97

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

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