

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142070.D
 Acq On : 25 Mar 2025 11:09
 Operator : RC/JU
 Sample : PB167274BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167274BS

Manual Integrations
 APPROVED

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

Quant Time: Mar 25 11:45:08 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	129139	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	522093	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	302608	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	543533	20.000	ng	0.00
76) Chrysene-d12	14.033	240	302856	20.000	ng	0.00
86) Perylene-d12	15.504	264	273867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1172189	151.491	ng	0.01
7) Phenol-d6	6.504	99	1443747	146.547	ng	0.00
23) Nitrobenzene-d5	7.440	82	964308	103.942	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	706205	183.956	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2064823	103.771	ng	0.00
79) Terphenyl-d14	12.980	244	2648255	129.280	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	140481	43.330	ng	97
3) Pyridine	3.499	79	324526	40.807	ng	97
4) n-Nitrosodimethylamine	3.434	42	163230	43.058	ng	96
6) Aniline	6.534	93	367319	37.795	ng	# 89
8) 2-Chlorophenol	6.657	128	413702	48.208	ng	99
9) Benzaldehyde	6.422	77	99229	18.009	ng	99
10) Phenol	6.516	94	476532	45.978	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	349429	44.900	ng	98
12) 1,3-Dichlorobenzene	6.816	146	429884	46.399	ng	99
13) 1,4-Dichlorobenzene	6.893	146	440202	46.959	ng	98
14) 1,2-Dichlorobenzene	7.045	146	420434	47.617	ng	98
15) Benzyl Alcohol	7.016	79	358977	45.071	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	384793	40.955	ng	95
17) 2-Methylphenol	7.122	107	324992	47.630	ng	99
18) Hexachloroethane	7.387	117	163917	46.631	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	266415	42.085	ng	99
20) 3+4-Methylphenols	7.275	107	410129	46.926	ng	# 86
22) Acetophenone	7.281	105	608758	48.689	ng	96
24) Nitrobenzene	7.457	77	416912	45.204	ng	98
25) Isophorone	7.692	82	755549	46.072	ng	99
26) 2-Nitrophenol	7.769	139	228050	50.380	ng	99
27) 2,4-Dimethylphenol	7.804	122	350384	56.215	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	450261	43.775	ng	99
29) 2,4-Dichlorophenol	8.010	162	363857	47.031	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	390960	45.856	ng	100
31) Naphthalene	8.175	128	1191000	44.409	ng	100
32) Benzoic acid	7.928	122	275519	50.287	ng	97
33) 4-Chloroaniline	8.222	127	201436	21.277	ng	98
34) Hexachlorobutadiene	8.292	225	263275	47.351	ng	99
35) Caprolactam	8.592	113	125411m	53.170	ng	
36) 4-Chloro-3-methylphenol	8.704	107	398472	46.172	ng	99
37) 2-Methylnaphthalene	8.869	142	776891	43.338	ng	100
38) 1-Methylnaphthalene	8.969	142	766777	44.326	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	469660	50.977	ng	99
41) Hexachlorocyclopentadiene	9.022	237	558279	154.834	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	289706	48.114	ng	99

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44) 2,4,5-Trichlorophenol	9.187	196	293856	48.187	ng	100
46) 1,1'-Biphenyl	9.334	154	1145949	49.840	ng	99
47) 2-Chloronaphthalene	9.357	162	785973	45.863	ng	99
48) 2-Nitroaniline	9.451	65	233668	47.091	ng	98
49) Acenaphthylene	9.775	152	1240563	48.781	ng	100
50) Dimethylphthalate	9.634	163	985586	46.510	ng	100
51) 2,6-Dinitrotoluene	9.692	165	217727	49.347	ng	97
52) Acenaphthene	9.945	154	939330	52.559	ng	100
53) 3-Nitroaniline	9.863	138	128191	28.643	ng	99
54) 2,4-Dinitrophenol	9.975	184	258179	101.100	ng	# 45
55) Dibenzofuran	10.116	168	1152234	45.120	ng	99
56) 4-Nitrophenol	10.028	139	340583	100.910	ng	96
57) 2,4-Dinitrotoluene	10.098	165	304173	52.783	ng	99
58) Fluorene	10.463	166	915719	46.499	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	271100	48.854	ng	98
60) Diethylphthalate	10.334	149	973810	46.087	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	481030	46.851	ng	98
62) 4-Nitroaniline	10.481	138	201448	46.233	ng	98
63) Azobenzene	10.610	77	853970	43.470	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	173343	53.497	ng	93
66) n-Nitrosodiphenylamine	10.569	169	808364	45.959	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	313496	45.926	ng	100
68) Hexachlorobenzene	11.010	284	370884	49.539	ng	95
69) Atrazine	11.098	200	339977	63.051	ng	99
70) Pentachlorophenol	11.204	266	442499	95.929	ng	99
71) Phenanthrene	11.422	178	1387852	47.273	ng	99
72) Anthracene	11.475	178	1426742	48.440	ng	99
73) Carbazole	11.628	167	1176645	46.322	ng	100
74) Di-n-butylphthalate	11.957	149	1527054	45.307	ng	100
75) Fluoranthene	12.610	202	1419625	45.586	ng	99
77) Benzidine	12.727	184	254189	60.157	ng	100
78) Pyrene	12.839	202	1400267	53.451	ng	100
80) Butylbenzylphthalate	13.451	149	527685	51.463	ng	99
81) Benzo(a)anthracene	14.027	228	962649	48.439	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	169880	29.580	ng	99
83) Chrysene	14.063	228	847099	47.023	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	694674	49.136	ng	99
85) Di-n-octyl phthalate	14.621	149	938269	47.698	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	749335	42.297	ng	97
88) Benzo(b)fluoranthene	15.074	252	835193	44.497	ng	99
89) Benzo(k)fluoranthene	15.104	252	703377	43.790	ng	99
90) Benzo(a)pyrene	15.445	252	713179	48.560	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	598737	40.961	ng	99
92) Benzo(g,h,i)perylene	17.445	276	557501	38.596	ng	97

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

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