

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141862.D
 Acq On : 06 Mar 2025 11:51
 Operator : RC/JU
 Sample : PB166982BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166982BS

Manual Integrations
 APPROVED

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

Quant Time: Mar 06 15:47:22 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	210095	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	832298	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	456822	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	789268	20.000	ng	0.00
76) Chrysene-d12	14.045	240	533191	20.000	ng	0.00
86) Perylene-d12	15.510	264	432459	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1718685	130.642	ng	0.02
7) Phenol-d6	6.510	99	2131309	124.468	ng	0.00
23) Nitrobenzene-d5	7.445	82	1424866	109.429	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	757115	176.536	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2698143	94.705	ng	0.00
79) Terphenyl-d14	12.992	244	3290875	99.859	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	236649	39.644	ng	96
3) Pyridine	3.528	79	571968	38.510	ng	96
4) n-Nitrosodimethylamine	3.469	42	298504	41.770	ng	# 98
6) Aniline	6.546	93	654827	36.784	ng	99
8) 2-Chlorophenol	6.669	128	646113	45.401	ng	95
9) Benzaldehyde	6.434	77	232462	23.339	ng	99
10) Phenol	6.522	94	775445	42.379	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	584519	41.908	ng	96
12) 1,3-Dichlorobenzene	6.828	146	671014	44.028	ng	100
13) 1,4-Dichlorobenzene	6.904	146	680898	44.340	ng	100
14) 1,2-Dichlorobenzene	7.057	146	656843	45.806	ng	98
15) Benzyl Alcohol	7.022	79	576121	42.099	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	771714	36.433	ng	96
17) 2-Methylphenol	7.134	107	520475	44.307	ng	99
18) Hexachloroethane	7.398	117	255823	44.509	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	446393	39.657	ng	97
20) 3+4-Methylphenols	7.281	107	638973	43.683	ng	93
22) Acetophenone	7.293	105	955429	47.133	ng	99
24) Nitrobenzene	7.463	77	682517	48.949	ng	100
25) Isophorone	7.704	82	1219271	43.587	ng	98
26) 2-Nitrophenol	7.781	139	334090	53.102	ng	97
27) 2,4-Dimethylphenol	7.810	122	564747	54.921	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	735247	41.203	ng	99
29) 2,4-Dichlorophenol	8.016	162	532866	44.919	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	579819	44.605	ng	100
31) Naphthalene	8.187	128	1846658	43.170	ng	99
32) Benzoic acid	7.928	122	455664	52.276	ng	99
33) 4-Chloroaniline	8.234	127	309388	19.726	ng	98
34) Hexachlorobutadiene	8.304	225	376266	46.581	ng	98
35) Caprolactam	8.598	113	191039m	52.349	ng	
36) 4-Chloro-3-methylphenol	8.710	107	583807	44.302	ng	98
37) 2-Methylnaphthalene	8.875	142	1173483	41.824	ng	100
38) 1-Methylnaphthalene	8.975	142	1154869	42.897	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	645530	48.928	ng	99
41) Hexachlorocyclopentadiene	9.034	237	868319	157.703	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	400502	46.993	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141862.D
 Acq On : 06 Mar 2025 11:51
 Operator : RC/JU
 Sample : PB166982BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166982BS

Manual Integrations
 APPROVED

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

Quant Time: Mar 06 15:47:22 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)
44) 2,4,5-Trichlorophenol	9.192	196	409928	48.574	ng	98
46) 1,1'-Biphenyl	9.339	154	1666460	47.926	ng	99
47) 2-Chloronaphthalene	9.369	162	1139340	44.395	ng	99
48) 2-Nitroaniline	9.457	65	361580	51.157	ng	96
49) Acenaphthylene	9.781	152	1799062	46.755	ng	99
50) Dimethylphthalate	9.645	163	1371047	44.817	ng	100
51) 2,6-Dinitrotoluene	9.704	165	301079	51.243	ng	92
52) Acenaphthene	9.957	154	1330436	51.243	ng	99
53) 3-Nitroaniline	9.869	138	204507	33.745	ng	# 94
54) 2,4-Dinitrophenol	9.975	184	360919	116.229	ng	# 1
55) Dibenzofuran	10.128	168	1621177	42.900	ng	100
56) 4-Nitrophenol	10.028	139	551414	122.039	ng	95
57) 2,4-Dinitrotoluene	10.104	165	415457	57.376	ng	95
58) Fluorene	10.469	166	1272097	44.940	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	354982	48.365	ng	99
60) Diethylphthalate	10.345	149	1341179	43.731	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	636689	44.893	ng	99
62) 4-Nitroaniline	10.486	138	320025	61.255	ng	97
63) Azobenzene	10.622	77	1309765	40.561	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	231430	59.852	ng	94
66) n-Nitrosodiphenylamine	10.581	169	1129867	43.596	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	409102	44.376	ng	98
68) Hexachlorobenzene	11.016	284	460465	47.300	ng	97
69) Atrazine	11.104	200	456998	64.122	ng	100
70) Pentachlorophenol	11.210	266	603121	97.683	ng	100
71) Phenanthrene	11.433	178	1919079	45.456	ng	99
72) Anthracene	11.486	178	1936157	45.759	ng	100
73) Carbazole	11.633	167	1703875	45.601	ng	100
74) Di-n-butylphthalate	11.969	149	2042563	43.126	ng	100
75) Fluoranthene	12.616	202	2010701	46.480	ng	98
77) Benzidine	12.739	184	703765	104.868	ng	100
78) Pyrene	12.851	202	2033437	44.041	ng	99
80) Butylbenzylphthalate	13.463	149	779324	46.457	ng	98
81) Benzo(a)anthracene	14.033	228	1606850	45.626	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	287502	28.453	ng	99
83) Chrysene	14.069	228	1461304	45.012	ng	100
84) Bis(2-ethylhexyl)phtha...	14.022	149	973167	46.591	ng	99
85) Di-n-octyl phthalate	14.633	149	1411858	45.149	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	1400520	50.858	ng	97
88) Benzo(b)fluoranthene	15.080	252	1324873	44.975	ng	99
89) Benzo(k)fluoranthene	15.110	252	1110972	44.371	ng	99
90) Benzo(a)pyrene	15.451	252	1135461	48.062	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1121408	49.889	ng	97
92) Benzo(g,h,i)perylene	17.457	276	1098929	47.722	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141862.D
Acq On : 06 Mar 2025 11:51
Operator : RC/JU
Sample : PB166982BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166982BS

Manual Integrations
APPROVED

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

Quant Time: Mar 06 15:47:22 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

