

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142735.D
 Acq On : 11 Jun 2025 15:20
 Operator : RC/JU
 Sample : Q2268-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-20250605MS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025

Quant Time: Jun 11 15:50:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	54183	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	194768	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	96533	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	149205	20.000	ng	0.00
76) Chrysene-d12	14.069	240	131264	20.000	ng	0.00
86) Perylene-d12	15.563	264	157611	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	190896	60.005	ng	0.00
7) Phenol-d6	6.522	99	168809	45.088	ng	0.00
23) Nitrobenzene-d5	7.457	82	293258	82.402	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	130175	123.040	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	619422	85.249	ng	0.00
79) Terphenyl-d14	13.004	244	574387	60.099	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	30009	23.835	ng	95
3) Pyridine	3.469	79	74215	23.509	ng	98
4) n-Nitrosodimethylamine	3.405	42	42284	26.179	ng	# 98
6) Aniline	6.557	93	108350	21.622	ng	99
8) 2-Chlorophenol	6.681	128	135667	39.022	ng	98
9) Benzaldehyde	6.445	77	112972	48.726	ng	# 1
10) Phenol	6.534	94	76822	18.460	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	138999	44.717	ng	100
12) 1,3-Dichlorobenzene	6.834	146	146256	36.862	ng	100
13) 1,4-Dichlorobenzene	6.910	146	148238	36.969	ng	100
14) 1,2-Dichlorobenzene	7.063	146	139245	36.227	ng	99
15) Benzyl Alcohol	7.034	79	92774	32.785	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	216381	44.213	ng	98
17) 2-Methylphenol	7.145	107	88396	33.166	ng	# 94
18) Hexachloroethane	7.428	117	146430	101.901	ng	# 1
19) n-Nitroso-di-n-propyla...	7.304	70	105486	44.257	ng	99
20) 3+4-Methylphenols	7.298	107	99491	29.609	ng	# 61
22) Acetophenone	7.298	105	316906	73.147	ng	# 94
24) Nitrobenzene	7.475	77	162514	51.451	ng	94
25) Isophorone	7.716	82	272219	45.177	ng	98
26) 2-Nitrophenol	7.792	139	81120	46.019	ng	96
27) 2,4-Dimethylphenol	7.828	122	129833	43.260	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	171522	45.848	ng	99
29) 2,4-Dichlorophenol	8.039	162	118894	42.926	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	135245	44.189	ng	100
31) Naphthalene	8.204	128	1443846	149.893	ng	99
32) Benzoic acid	7.910	122	33669m	19.920	ng	
33) 4-Chloroaniline	8.245	127	56011	14.482	ng	95
34) Hexachlorobutadiene	8.316	225	81505	41.790	ng	98
35) Caprolactam	8.645	113	7378	9.868	ng	93
36) 4-Chloro-3-methylphenol	8.722	107	107688	37.392	ng	97
37) 2-Methylnaphthalene	8.892	142	489047	80.213	ng	98
38) 1-Methylnaphthalene	8.992	142	403754	63.926	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	139097	49.785	ng	98
41) Hexachlorocyclopentadiene	9.045	237	151626	84.555	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	84541	46.744	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142735.D
 Acq On : 11 Jun 2025 15:20
 Operator : RC/JU
 Sample : Q2268-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-20250605MS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025

Quant Time: Jun 11 15:50:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	90449	46.303	ng	98
46) 1,1'-Biphenyl	9.351	154	374772	49.997	ng	99
47) 2-Chloronaphthalene	9.381	162	271776	49.213	ng	99
48) 2-Nitroaniline	9.475	65	74730	47.578	ng	99
49) Acenaphthylene	9.792	152	444191	47.703	ng	100
50) Dimethylphthalate	9.651	163	304222	47.193	ng	100
51) 2,6-Dinitrotoluene	9.716	165	65791	47.222	ng	95
52) Acenaphthene	9.969	154	296788	51.407	ng	99
53) 3-Nitroaniline	9.881	138	32158	21.281	ng	96
54) 2,4-Dinitrophenol	9.992	184	65055	85.243	ng	91
55) Dibenzofuran	10.139	168	397876	48.396	ng	98
56) 4-Nitrophenol	10.045	139	40552	39.567	ng	98
57) 2,4-Dinitrotoluene	10.122	165	86133	46.759	ng	99
58) Fluorene	10.480	166	308320	47.491	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	72848m	44.328	ng	
60) Diethylphthalate	10.351	149	306024	47.876	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	146451	46.191	ng	99
62) 4-Nitroaniline	10.498	138	55367	40.955	ng	99
63) Azobenzene	10.633	77	259761	46.531	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	41273	44.173	ng	96
66) n-Nitrosodiphenylamine	10.592	169	250126	48.770	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	88012	49.973	ng	97
68) Hexachlorobenzene	11.033	284	96899	49.565	ng	98
69) Atrazine	11.122	200	73139	53.489	ng	99
70) Pentachlorophenol	11.228	266	108714	106.085	ng	100
71) Phenanthrene	11.445	178	407429	50.970	ng	99
72) Anthracene	11.498	178	410494	49.642	ng	100
73) Carbazole	11.651	167	369243	53.339	ng	99
74) Di-n-butylphthalate	11.980	149	467525	60.483	ng	99
75) Fluoranthene	12.639	202	419950	55.250	ng	99
78) Pyrene	12.869	202	421513	34.555	ng	99
80) Butylbenzylphthalate	13.480	149	197597	54.778	ng	99
81) Benzo(a)anthracene	14.057	228	422953	48.624	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	70837	25.254	ng	98
83) Chrysene	14.092	228	393175	48.958	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	288438	53.281	ng	99
85) Di-n-octyl phthalate	14.657	149	512678	49.362	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	528129	45.217	ng	100
88) Benzo(b)fluoranthene	15.121	252	490678	52.873	ng	99
89) Benzo(k)fluoranthene	15.151	252	407250	45.228	ng	99
90) Benzo(a)pyrene	15.498	252	435969	49.409	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	432848	45.387	ng	99
92) Benzo(g,h,i)perylene	17.539	276	416129	43.879	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142735.D
 Acq On : 11 Jun 2025 15:20
 Operator : RC/JU
 Sample : Q2268-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-20250605MS

Quant Time: Jun 11 15:50:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/12/2025
 Supervised By :Jagrut Upadhyay 06/12/2025

