

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144127.D
 Acq On : 29 Oct 2025 14:33
 Operator : RC/JU
 Sample : Q3427-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 10/30/2025

Quant Time: Oct 29 14:53:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	59277	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	229063	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	132788	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	236318	20.000	ng	0.00
76) Chrysene-d12	14.057	240	145719	20.000	ng	0.00
86) Perylene-d12	15.539	264	194108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	494181	131.897	ng	0.02
7) Phenol-d6	6.510	99	528418	127.704	ng	0.00
23) Nitrobenzene-d5	7.445	82	401095	95.934	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	255935	151.310	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	856913	90.811	ng	0.00
79) Terphenyl-d14	12.992	244	855482	102.634	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.793	88	63223	39.050	ng	Qvalue # 76
3) Pyridine	3.516	79	128815	29.719	ng	100
4) n-Nitrosodimethylamine	3.457	42	118968	44.668	ng	92
6) Aniline	6.545	93	61355	10.364	ng	95
8) 2-Chlorophenol	6.663	128	174548	47.306	ng	99
9) Benzaldehyde	6.434	77	7236	2.252	ng	98
10) Phenol	6.528	94	203069	39.779	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	180621	48.965	ng	97
12) 1,3-Dichlorobenzene	6.822	146	201243	44.215	ng	98
13) 1,4-Dichlorobenzene	6.898	146	206250	45.981	ng	98
14) 1,2-Dichlorobenzene	7.045	146	195189	44.973	ng	98
15) Benzyl Alcohol	7.022	79	169666	50.428	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	334193	48.205	ng	94
17) 2-Methylphenol	7.134	107	141762	49.954	ng	98
18) Hexachloroethane	7.392	117	69063	43.065	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	140902	52.658	ng	93
20) 3+4-Methylphenols	7.287	107	164615	49.069	ng	# 73
22) Acetophenone	7.287	105	264741	53.479	ng	97
24) Nitrobenzene	7.463	77	208006	47.030	ng	99
25) Isophorone	7.698	82	374495	51.233	ng	99
26) 2-Nitrophenol	7.775	139	101895	48.429	ng	96
27) 2,4-Dimethylphenol	7.810	122	167563	53.591	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	227803	49.974	ng	99
29) 2,4-Dichlorophenol	8.022	162	179559	49.382	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	181601	48.547	ng	98
31) Naphthalene	8.181	128	502686	46.497	ng	99
32) Benzoic acid	7.945	122	125796	63.428	ng	# 82
33) 4-Chloroaniline	8.234	127	15080	4.007	ng	# 91
34) Hexachlorobutadiene	8.298	225	132182	43.214	ng	97
35) Caprolactam	8.598	113	47527m	52.123	ng	
36) 4-Chloro-3-methylphenol	8.716	107	167327	52.147	ng	96
37) 2-Methylnaphthalene	8.875	142	324013	45.457	ng	99
38) 1-Methylnaphthalene	8.975	142	325313	48.173	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	218705	47.923	ng	100
41) Hexachlorocyclopentadiene	9.028	237	155525	110.337	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	142412	48.009	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	156505	50.272	ng	95
46) 1,1'-Biphenyl	9.339	154	483342	50.848	ng	99
47) 2-Chloronaphthalene	9.363	162	366750	46.054	ng	98
48) 2-Nitroaniline	9.463	65	114659	48.487	ng	94
49) Acenaphthylene	9.780	152	573512	53.411	ng	99
50) Dimethylphthalate	9.639	163	460072	52.858	ng	100
51) 2,6-Dinitrotoluene	9.704	165	95603	55.561	ng	91
52) Acenaphthene	9.951	154	367541	51.253	ng	98
53) 3-Nitroaniline	9.875	138	12769	6.675	ng	98
54) 2,4-Dinitrophenol	9.986	184	99111	106.495	ng	94
55) Dibenzofuran	10.128	168	492747	49.495	ng	97
56) 4-Nitrophenol	10.039	139	115546	89.192	ng	93
57) 2,4-Dinitrotoluene	10.110	165	126570	54.501	ng	96
58) Fluorene	10.469	166	374720	49.399	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	123393	56.246	ng	99
60) Diethylphthalate	10.339	149	424395	51.848	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	209744	49.168	ng	98
62) 4-Nitroaniline	10.486	138	76357	42.124	ng	94
63) Azobenzene	10.622	77	389507	50.276	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	76133	50.214	ng	98
66) n-Nitrosodiphenylamine	10.580	169	354837	46.995	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	144960	48.992	ng	99
68) Hexachlorobenzene	11.016	284	168631	46.470	ng	98
69) Atrazine	11.104	200	65513	26.442	ng	98
70) Pentachlorophenol	11.216	266	176284	102.057	ng	97
71) Phenanthrene	11.433	178	554570	47.241	ng	99
72) Anthracene	11.486	178	566042	46.677	ng	99
73) Carbazole	11.639	167	457341	44.308	ng	99
74) Di-n-butylphthalate	11.969	149	610796	48.265	ng	100
75) Fluoranthene	12.621	202	546179	42.112	ng	99
77) Benzidine	12.757	184	12368	2.727	ng	# 81
78) Pyrene	12.857	202	535929	51.157	ng	100
80) Butylbenzylphthalate	13.468	149	214991	54.245	ng	97
81) Benzo(a)anthracene	14.045	228	503316	51.110	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	31500	9.189	ng	98
83) Chrysene	14.080	228	467481	50.587	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	279617	51.679	ng	100
85) Di-n-octyl phthalate	14.639	149	490030	52.664	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	539806	40.506	ng	99
88) Benzo(b)fluoranthene	15.104	252	526302	47.961	ng	99
89) Benzo(k)fluoranthene	15.133	252	537075	53.047	ng	100
90) Benzo(a)pyrene	15.474	252	515620	52.375	ng	100
91) Dibenzo(a,h)anthracene	17.056	278	446846	42.359	ng	99
92) Benzo(g,h,i)perylene	17.498	276	396078	37.345	ng	98

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

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