

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
 Data File : BF144311.D
 Acq On : 21 Nov 2025 16:49
 Operator : RC/JU
 Sample : Q3699-03MS 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-112025MS

Quant Time: Nov 21 17:25:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	49591	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	166236	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	86112	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	156020	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	150575	20.000	ng	0.00
86) Perylene-d12	15.521	264	131466	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	171501	54.118	ng	0.00
7) Phenol-d6	6.492	99	185656	51.704	ng	0.00
23) Nitrobenzene-d5	7.422	82	108577	37.723	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	55729	51.572	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	225231	38.630	ng	-0.01
79) Terphenyl-d14	12.980	244	279955	29.532	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	32774	25.015	ng	97
3) Pyridine	3.410	79	87261	23.873	ng	94
4) n-Nitrosodimethylamine	3.340	42	46182	24.188	ng	# 88
6) Aniline	6.528	93	53325	10.423	ng	96
8) 2-Chlorophenol	6.651	128	72532	23.339	ng	97
9) Benzaldehyde	6.416	77	39034	19.251	ng	96
10) Phenol	6.510	94	98470	22.445	ng	93
11) bis(2-Chloroethyl)ether	6.592	93	77065	24.107	ng	99
12) 1,3-Dichlorobenzene	6.804	146	92277	24.062	ng	98
13) 1,4-Dichlorobenzene	6.881	146	95396	24.830	ng	98
14) 1,2-Dichlorobenzene	7.034	146	90703	24.631	ng	97
15) Benzyl Alcohol	7.004	79	64014	22.514	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	133291	22.642	ng	97
17) 2-Methylphenol	7.116	107	56569	22.880	ng	97
18) Hexachloroethane	7.375	117	28489	22.319	ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	53669	22.704	ng	99
20) 3+4-Methylphenols	7.269	107	68944	23.656	ng	# 86
22) Acetophenone	7.269	105	100619	28.215	ng	99
24) Nitrobenzene	7.445	77	77286	24.730	ng	97
25) Isophorone	7.681	82	133810	24.578	ng	98
26) 2-Nitrophenol	7.763	139	39436	25.492	ng	95
27) 2,4-Dimethylphenol	7.798	122	64548	27.838	ng	100
28) bis(2-Chloroethoxy)met...	7.892	93	88801	26.120	ng	97
29) 2,4-Dichlorophenol	8.004	162	64855	24.268	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	67627	24.643	ng	100
31) Naphthalene	8.169	128	199382	25.214	ng	99
32) Benzoic acid	7.892	122	39556	23.273	ng	93
33) 4-Chloroaniline	8.216	127	29998	10.401	ng	99
34) Hexachlorobutadiene	8.281	225	49985	24.169	ng	97
35) Caprolactam	8.569	113	17862	24.396	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	55234	23.061	ng	98
37) 2-Methylnaphthalene	8.857	142	119874	22.673	ng	98
38) 1-Methylnaphthalene	8.957	142	121892	23.894	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	70119	24.846	ng	99
41) Hexachlorocyclopentadiene	9.010	237	16877	23.414	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	47268	24.608	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	49222	23.776	ng	98
46) 1,1'-Biphenyl	9.322	154	161797	26.917	ng	99
47) 2-Chloronaphthalene	9.345	162	128501	25.062	ng	99
48) 2-Nitroaniline	9.445	65	37557	25.386	ng	93
49) Acenaphthylene	9.763	152	204629	29.286	ng	99
50) Dimethylphthalate	9.616	163	149895	26.275	ng	98
51) 2,6-Dinitrotoluene	9.686	165	30545	26.450	ng	91
52) Acenaphthene	9.933	154	110814	23.717	ng	99
53) 3-Nitroaniline	9.857	138	22702	17.983	ng	98
54) 2,4-Dinitrophenol	9.975	184	8719	12.503	ng	95
55) Dibenzofuran	10.110	168	167325	25.569	ng	97
56) 4-Nitrophenol	10.028	139	45946	50.315	ng	95
57) 2,4-Dinitrotoluene	10.092	165	41674	26.957	ng	96
58) Fluorene	10.451	166	136366	27.408	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	36350	24.818	ng	95
60) Diethylphthalate	10.322	149	136393	25.936	ng	98
61) 4-Chlorophenyl-phenyle...	10.439	204	70053	24.718	ng	96
62) 4-Nitroaniline	10.469	138	28198	23.455	ng	88
63) Azobenzene	10.604	77	137907	28.177	ng	91
65) 4,6-Dinitro-2-methylph...	10.504	198	8637	8.149	ng	99
66) n-Nitrosodiphenylamine	10.557	169	128740	25.656	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	45328	22.761	ng	99
68) Hexachlorobenzene	11.004	284	53707	22.896	ng	98
69) Atrazine	11.086	200	42567	26.674	ng	98
70) Pentachlorophenol	11.198	266	58626	50.191	ng	94
71) Phenanthrene	11.416	178	225064	28.973	ng	99
72) Anthracene	11.469	178	216278	27.381	ng	99
73) Carbazole	11.627	167	194073	28.895	ng	100
74) Di-n-butylphthalate	11.951	149	227402	28.007	ng	99
75) Fluoranthene	12.610	202	313395	39.055	ng	99
77) Benzidine	12.733	184	92164	20.693	ng	98
78) Pyrene	12.839	202	317230	26.129	ng	99
80) Butylbenzylphthalate	13.451	149	106856	25.395	ng	97
81) Benzo(a)anthracene	14.033	228	302544	28.990	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	62936	17.594	ng	92
83) Chrysene	14.068	228	266710	27.685	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	145677	25.290	ng	97
85) Di-n-octyl phthalate	14.627	149	259881	26.149	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.021	276	180064	19.080	ng	98
88) Benzo(b)fluoranthene	15.092	252	259928	34.777	ng	99
89) Benzo(k)fluoranthene	15.115	252	217610	31.106	ng	98
90) Benzo(a)pyrene	15.462	252	210222	30.488	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	136374	17.994	ng	# 96
92) Benzo(g,h,i)perylene	17.474	276	142857	19.087	ng	96

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

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