

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
 Data File : BF144318.D
 Acq On : 21 Nov 2025 20:19
 Operator : RC/JU
 Sample : Q3678-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-STONEMS

Quant Time: Nov 21 22:05:56 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	6.869	152	51855	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	185007	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	95641	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	154233	20.000	ng	0.00
76) Chrysene-d12	14.045	240	127547	20.000	ng	0.00
86) Perylene-d12	15.527	264	109907	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	391947	118.281	ng	0.01
7) Phenol-d6	6.504	99	416459	110.918	ng	0.00
23) Nitrobenzene-d5	7.428	82	290192	90.591	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	142387	118.638	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	559015	86.326	ng	0.00
79) Terphenyl-d14	12.980	244	638150	79.472	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	58234	42.507	ng	# 80
3) Pyridine	3.516	79	128875	33.719	ng	98
4) n-Nitrosodimethylamine	3.451	42	89758	44.959	ng	91
6) Aniline	6.534	93	41687	7.793	ng	# 50
8) 2-Chlorophenol	6.657	128	142434	43.830	ng	96
9) Benzaldehyde	6.422	77	46528	21.945	ng	98
10) Phenol	6.516	94	173671	37.858	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	151493	45.321	ng	99
12) 1,3-Dichlorobenzene	6.810	146	170172	42.437	ng	97
13) 1,4-Dichlorobenzene	6.886	146	172525	42.944	ng	99
14) 1,2-Dichlorobenzene	7.034	146	163124	42.363	ng	99
15) Benzyl Alcohol	7.010	79	133137	44.781	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	273982	44.509	ng	94
17) 2-Methylphenol	7.122	107	115021	44.491	ng	98
18) Hexachloroethane	7.375	117	50963	38.183	ng	100
19) n-Nitroso-di-n-propyla...	7.275	70	109578	44.333	ng	99
20) 3+4-Methylphenols	7.275	107	135553	44.480	ng	# 88
22) Acetophenone	7.275	105	192312	48.456	ng	100
24) Nitrobenzene	7.451	77	161791	46.518	ng	97
25) Isophorone	7.686	82	292742	48.314	ng	99
26) 2-Nitrophenol	7.763	139	80383	46.688	ng	96
27) 2,4-Dimethylphenol	7.804	122	139296	53.980	ng	100
28) bis(2-Chloroethoxy)met...	7.892	93	187479	49.549	ng	98
29) 2,4-Dichlorophenol	8.010	162	139134	46.780	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	138338	45.296	ng	100
31) Naphthalene	8.169	128	393109	44.668	ng	99
32) Benzoic acid	7.922	122	71395	37.744	ng	91
33) 4-Chloroaniline	8.222	127	25137	7.832	ng	99
34) Hexachlorobutadiene	8.281	225	96560	41.951	ng	100
35) Caprolactam	8.586	113	36080	44.278	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	121835	45.708	ng	99
37) 2-Methylnaphthalene	8.863	142	246032	41.814	ng	98
38) 1-Methylnaphthalene	8.963	142	247234	43.547	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	148784	47.467	ng	100
41) Hexachlorocyclopentadiene	9.010	237	30632	33.821	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	101271	47.470	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	107857	46.909	ng	99
46) 1,1'-Biphenyl	9.322	154	323982	48.529	ng	99
47) 2-Chloronaphthalene	9.351	162	263922	46.345	ng	100
48) 2-Nitroaniline	9.451	65	83044	50.540	ng	92
49) Acenaphthylene	9.769	152	410215	52.860	ng	100
50) Dimethylphthalate	9.622	163	332600	52.493	ng	100
51) 2,6-Dinitrotoluene	9.692	165	67405	52.553	ng	92
52) Acenaphthene	9.939	154	223307	43.031	ng	99
53) 3-Nitroaniline	9.863	138	34492	24.600	ng	97
54) 2,4-Dinitrophenol	9.980	184	16662	21.513	ng	95
55) Dibenzofuran	10.110	168	338391	46.559	ng	100
56) 4-Nitrophenol	10.033	139	81573	80.429	ng	98
57) 2,4-Dinitrotoluene	10.098	165	86406	50.323	ng	# 99
58) Fluorene	10.457	166	256962	46.501	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	79209	48.691	ng	100
60) Diethylphthalate	10.322	149	301953	51.697	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	141991	45.109	ng	97
62) 4-Nitroaniline	10.474	138	64662	48.427	ng	91
63) Azobenzene	10.604	77	257546	47.379	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	14273	13.622	ng	95
66) n-Nitrosodiphenylamine	10.563	169	253981	51.200	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	91187	46.320	ng	97
68) Hexachlorobenzene	11.004	284	108392	46.745	ng	96
69) Atrazine	11.092	200	78548	49.791	ng	99
70) Pentachlorophenol	11.204	266	114375	99.054	ng	98
71) Phenanthrene	11.421	178	377330	49.138	ng	99
72) Anthracene	11.474	178	386831	49.541	ng	99
73) Carbazole	11.627	167	346766	52.227	ng	99
74) Di-n-butylphthalate	11.951	149	421209	52.477	ng	99
75) Fluoranthene	12.616	202	424258	53.484	ng	99
77) Benzidine	12.739	184	73857	19.576	ng	98
78) Pyrene	12.845	202	435198	42.318	ng	99
80) Butylbenzylphthalate	13.457	149	174069	48.837	ng	97
81) Benzo(a)anthracene	14.033	228	459966	52.033	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	108589	35.837	ng	95
83) Chrysene	14.074	228	394822	48.382	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	249351	51.104	ng	98
85) Di-n-octyl phthalate	14.627	149	443487	52.680	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	275457	34.914	ng	97
88) Benzo(b)fluoranthene	15.092	252	392718	62.851	ng	99
89) Benzo(k)fluoranthene	15.121	252	312357	53.408	ng	98
90) Benzo(a)pyrene	15.462	252	295928	51.337	ng	# 97
91) Dibenzo(a,h)anthracene	17.039	278	226644	35.770	ng	98
92) Benzo(g,h,i)perylene	17.480	276	218154	34.865	ng	97

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

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