

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
 Data File : BF143817.D
 Acq On : 25 Sep 2025 21:50
 Operator : RC/JU
 Sample : Q3178-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-01MS

Quant Time: Sep 25 23:26:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	121227	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	419443	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	197016	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	338625	20.000	ng	0.00
76) Chrysene-d12	14.062	240	466221	20.000	ng	0.00
86) Perylene-d12	15.533	264	479520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	622010	83.363	ng	0.00
7) Phenol-d6	6.504	99	733982	85.136	ng	0.00
23) Nitrobenzene-d5	7.445	82	428919	62.594	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	242635	83.176	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	629128	49.831	ng	0.00
79) Terphenyl-d14	12.998	244	1106215	48.255	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	162491	45.498	ng	98
3) Pyridine	3.463	79	440296	45.672	ng	95
4) n-Nitrosodimethylamine	3.410	42	243497	50.373	ng	93
6) Aniline	6.545	93	316454	25.290	ng	99
8) 2-Chlorophenol	6.669	128	346697	45.387	ng	99
9) Benzaldehyde	6.434	77	231488	30.662	ng	99
10) Phenol	6.522	94	470295	46.931	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	360646	45.912	ng	99
12) 1,3-Dichlorobenzene	6.828	146	405018	45.667	ng	99
13) 1,4-Dichlorobenzene	6.904	146	409651	46.284	ng	99
14) 1,2-Dichlorobenzene	7.057	146	388753	46.376	ng	99
15) Benzyl Alcohol	7.022	79	312277	50.129	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	789653	42.394	ng	99
17) 2-Methylphenol	7.134	107	272851	46.138	ng	99
18) Hexachloroethane	7.398	117	135933	43.671	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	246676	44.495	ng	97
20) 3+4-Methylphenols	7.281	107	329519	45.755	ng	94
22) Acetophenone	7.292	105	496044	53.844	ng	98
24) Nitrobenzene	7.463	77	374991	49.371	ng	98
25) Isophorone	7.704	82	653967	48.975	ng	99
26) 2-Nitrophenol	7.781	139	165168	52.687	ng	97
27) 2,4-Dimethylphenol	7.816	122	310866	52.086	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	400670	46.185	ng	98
29) 2,4-Dichlorophenol	8.022	162	270872	46.125	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	298708	49.013	ng	99
31) Naphthalene	8.192	128	918353	45.736	ng	100
32) Benzoic acid	7.910	122	189666	65.866	ng	98
33) 4-Chloroaniline	8.233	127	129374	18.335	ng	97
34) Hexachlorobutadiene	8.310	225	207595	45.693	ng	99
35) Caprolactam	8.592	113	81158	54.068	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	257062	46.673	ng	99
37) 2-Methylnaphthalene	8.880	142	530930	41.467	ng	100
38) 1-Methylnaphthalene	8.980	142	536240	43.757	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	308089	51.818	ng	98
41) Hexachlorocyclopentadiene	9.033	237	321513	85.324	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	192682	51.756	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	187630	48.183	ng	99
46) 1,1'-Biphenyl	9.345	154	731116	51.265	ng	99
47) 2-Chloronaphthalene	9.369	162	530383	46.202	ng	100
48) 2-Nitroaniline	9.463	65	197163	56.826	ng	99
49) Acenaphthylene	9.786	152	839183	53.101	ng	100
50) Dimethylphthalate	9.639	163	594435	49.503	ng	99
51) 2,6-Dinitrotoluene	9.704	165	123949	62.825	ng	96
52) Acenaphthene	9.957	154	483438	46.485	ng	100
53) 3-Nitroaniline	9.869	138	91177	38.126	ng	99
54) 2,4-Dinitrophenol	9.975	184	47537	63.893	ng	# 63
55) Dibenzofuran	10.127	168	690882	46.979	ng	100
56) 4-Nitrophenol	10.027	139	220693	114.521	ng	93
57) 2,4-Dinitrotoluene	10.104	165	163310	55.295	ng	99
58) Fluorene	10.474	166	523002	47.838	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	190538	57.116	ng	97
60) Diethylphthalate	10.345	149	549355	48.872	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	259499	46.583	ng	99
62) 4-Nitroaniline	10.480	138	119810	53.282	ng	98
63) Azobenzene	10.627	77	586205	49.483	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	42324	36.969	ng	92
66) n-Nitrosodiphenylamine	10.580	169	496491	44.583	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	257415	44.607	ng	97
68) Hexachlorobenzene	11.022	284	354496	44.576	ng	99
69) Atrazine	11.110	200	161262	50.006	ng	97
70) Pentachlorophenol	11.216	266	440851	111.364	ng	99
71) Phenanthrene	11.439	178	812817	46.754	ng	100
72) Anthracene	11.486	178	842097	48.290	ng	99
73) Carbazole	11.645	167	788458	51.713	ng	99
74) Di-n-butylphthalate	11.974	149	865492	49.358	ng	100
75) Fluoranthene	12.627	202	1014060	57.995	ng	99
77) Benzidine	12.751	184	400056	35.214	ng	100
78) Pyrene	12.857	202	1054811	46.019	ng	99
80) Butylbenzylphthalate	13.474	149	417931	52.702	ng	99
81) Benzo(a)anthracene	14.051	228	1226054	48.951	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	410788	37.859	ng	99
83) Chrysene	14.086	228	1094367	48.288	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	539945	46.451	ng	100
85) Di-n-octyl phthalate	14.651	149	976739	46.324	ng	96
87) Indeno(1,2,3-cd)pyrene	17.027	276	1234729	33.937	ng	100
88) Benzo(b)fluoranthene	15.104	252	1556899	63.756	ng	99
89) Benzo(k)fluoranthene	15.133	252	1205497	49.137	ng	100
90) Benzo(a)pyrene	15.474	252	1214603	52.915	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	999487	33.587	ng	100
92) Benzo(g,h,i)perylene	17.480	276	973139	33.924	ng	100

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

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