

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143840.D
 Acq On : 30 Sep 2025 18:35
 Operator : RC/JU
 Sample : Q3179-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-01MSD

Quant Time: Sep 30 18:56:34 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	143255	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	544706	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	295782	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	495559	20.000	ng	0.00
76) Chrysene-d12	14.057	240	427552	20.000	ng	0.00
86) Perylene-d12	15.533	264	608800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	542961	61.579	ng	0.00
7) Phenol-d6	6.498	99	426251	41.839	ng	-0.01
23) Nitrobenzene-d5	7.445	82	844589	94.911	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	570185	130.193	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1646395	86.861	ng	0.00
79) Terphenyl-d14	12.998	244	2364696	112.482	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	81739	19.368	ng	96
3) Pyridine	3.440	79	218305	19.163	ng	92
4) n-Nitrosodimethylamine	3.375	42	107636	18.843	ng	# 77
6) Aniline	6.545	93	401567	27.158	ng	98
8) 2-Chlorophenol	6.669	128	353008	39.107	ng	98
9) Benzaldehyde	6.434	77	270982	30.374	ng	98
10) Phenol	6.516	94	207399	17.514	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	423717	45.647	ng	100
12) 1,3-Dichlorobenzene	6.828	146	430642	41.090	ng	98
13) 1,4-Dichlorobenzene	6.904	146	438176	41.894	ng	99
14) 1,2-Dichlorobenzene	7.057	146	428144	43.221	ng	99
15) Benzyl Alcohol	7.022	79	276505	37.562	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	870646	39.555	ng	96
17) 2-Methylphenol	7.134	107	242668	34.724	ng	98
18) Hexachloroethane	7.398	117	146089	39.717	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	324788	49.576	ng	89
20) 3+4-Methylphenols	7.281	107	264001	31.021	ng	# 81
22) Acetophenone	7.292	105	636130	53.171	ng	93
24) Nitrobenzene	7.469	77	477795	48.440	ng	96
25) Isophorone	7.704	82	883911	50.973	ng	99
26) 2-Nitrophenol	7.781	139	220979	54.198	ng	95
27) 2,4-Dimethylphenol	7.816	122	373310	48.165	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	552615	49.051	ng	99
29) 2,4-Dichlorophenol	8.022	162	356046	46.686	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	376995	47.633	ng	99
31) Naphthalene	8.192	128	1176459	45.117	ng	100
32) Benzoic acid	7.892	122	90049	24.080	ng	95
33) 4-Chloroaniline	8.233	127	297985	32.519	ng	99
34) Hexachlorobutadiene	8.310	225	263834	44.717	ng	100
35) Caprolactam	8.598	113	23237	11.921	ng	# 85
36) 4-Chloro-3-methylphenol	8.710	107	328214	45.887	ng	99
37) 2-Methylnaphthalene	8.880	142	740720	44.549	ng	98
38) 1-Methylnaphthalene	8.980	142	758935	47.687	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	453169	50.768	ng	99
41) Hexachlorocyclopentadiene	9.033	237	639570	113.055	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	288748	51.661	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	292296	49.997	ng	99
46) 1,1'-Biphenyl	9.345	154	1073808	50.153	ng	99
47) 2-Chloronaphthalene	9.375	162	790250	45.852	ng	99
48) 2-Nitroaniline	9.463	65	322921	61.993	ng	99
49) Acenaphthylene	9.786	152	1293376	54.513	ng	99
50) Dimethylphthalate	9.645	163	939267	52.101	ng	99
51) 2,6-Dinitrotoluene	9.710	165	206353	69.667	ng	90
52) Acenaphthene	9.963	154	812486	52.038	ng	99
53) 3-Nitroaniline	9.875	138	154670	43.080	ng	98
54) 2,4-Dinitrophenol	9.980	184	177900	112.202	ng	# 22
55) Dibenzofuran	10.133	168	1096972	49.685	ng	99
56) 4-Nitrophenol	10.027	139	110855	38.316	ng	91
57) 2,4-Dinitrotoluene	10.110	165	272876	61.212	ng	95
58) Fluorene	10.475	166	836993	50.994	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	318686	63.631	ng	94
60) Diethylphthalate	10.345	149	881630	52.242	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	432597	51.726	ng	94
62) 4-Nitroaniline	10.492	138	201378	59.653	ng	96
63) Azobenzene	10.627	77	916316	51.521	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	128926	64.652	ng	85
66) n-Nitrosodiphenylamine	10.586	169	811250	49.778	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	460521	54.531	ng	97
68) Hexachlorobenzene	11.022	284	656128	56.377	ng	98
69) Atrazine	11.110	200	259448	54.975	ng	98
70) Pentachlorophenol	11.216	266	679436	117.281	ng	100
71) Phenanthrene	11.439	178	1247011	49.014	ng	100
72) Anthracene	11.492	178	1267883	49.682	ng	99
73) Carbazole	11.645	167	1102440	49.408	ng	99
74) Di-n-butylphthalate	11.974	149	1287218	50.161	ng	100
75) Fluoranthene	12.627	202	1276355	49.879	ng	99
77) Benzidine	12.751	184	265152	25.450	ng	99
78) Pyrene	12.857	202	1273365	60.578	ng	99
80) Butylbenzylphthalate	13.474	149	411811	56.626	ng	97
81) Benzo(a)anthracene	14.045	228	1154327	50.256	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	412972	41.502	ng	98
83) Chrysene	14.086	228	1092366	52.559	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	482590	45.272	ng	99
85) Di-n-octyl phthalate	14.651	149	773621	40.009	ng	94
87) Indeno(1,2,3-cd)pyrene	17.039	276	2528473	54.738	ng	98
88) Benzo(b)fluoranthene	15.104	252	1587051	51.190	ng	100
89) Benzo(k)fluoranthene	15.133	252	1582239	50.798	ng	99
90) Benzo(a)pyrene	15.474	252	1574313	54.021	ng	100
91) Dibenzo(a,h)anthracene	17.056	278	2073724	54.888	ng	99
92) Benzo(g,h,i)perylene	17.492	276	2077796	57.051	ng	98

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

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