

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042325\
 Data File : BF142222.D
 Acq On : 23 Apr 2025 13:15
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 23 14:38:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 23 14:31:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	453162	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	1640529	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	919889	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	1614771	20.000	ng	0.00
76) Chrysene-d12	14.021	240	950128	20.000	ng	0.00
86) Perylene-d12	15.492	264	1138279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2533971	95.297	ng	0.00
7) Phenol-d6	6.492	99	3123687	95.850	ng	0.00
23) Nitrobenzene-d5	7.428	82	2726890	99.035	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	1336461	103.646	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	5276818	92.306	ng	0.00
79) Terphenyl-d14	12.969	244	5491903	93.944	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	519957	48.657	ng	100
3) Pyridine	3.375	79	1254382	49.054	ng	99
4) n-Nitrosodimethylamine	3.328	42	517953	50.282	ng	98
6) Aniline	6.528	93	1341383	45.720	ng	94
8) 2-Chlorophenol	6.651	128	1408869	48.434	ng	97
9) Benzaldehyde	6.416	77	821673	46.377	ng	96
10) Phenol	6.510	94	1647220	48.176	ng	96
11) bis(2-Chloroethyl)ether	6.598	93	1190349	48.144	ng	100
12) 1,3-Dichlorobenzene	6.804	146	1533993	47.840	ng	98
13) 1,4-Dichlorobenzene	6.881	146	1565506	48.115	ng	100
14) 1,2-Dichlorobenzene	7.034	146	1449416	47.535	ng	99
15) Benzyl Alcohol	7.004	79	1172410	49.294	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1169195	47.557	ng	94
17) 2-Methylphenol	7.116	107	1099308	49.636	ng	99
18) Hexachloroethane	7.375	117	542947	47.820	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	860495	47.630	ng	98
20) 3+4-Methylphenols	7.269	107	1337381	48.023	ng	94
22) Acetophenone	7.269	105	1831599	48.262	ng	97
24) Nitrobenzene	7.445	77	1347755	49.548	ng	99
25) Isophorone	7.681	82	2227068	49.329	ng	99
26) 2-Nitrophenol	7.757	139	769499	51.514	ng	99
27) 2,4-Dimethylphenol	7.792	122	887959	51.153	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	1426762	48.995	ng	100
29) 2,4-Dichlorophenol	8.004	162	1221453	49.947	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	1369396	49.630	ng	99
31) Naphthalene	8.163	128	3848721	47.731	ng	99
32) Benzoic acid	7.928	122	885478	56.333	ng	97
33) 4-Chloroaniline	8.216	127	1377622	48.515	ng	99
34) Hexachlorobutadiene	8.281	225	897844	49.364	ng	99
35) Caprolactam	8.586	113	358306	49.888	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	1276909	50.228	ng	98
37) 2-Methylnaphthalene	8.857	142	2638318	48.760	ng	99
38) 1-Methylnaphthalene	8.957	142	2576150	48.868	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	1447316	49.345	ng	99
41) Hexachlorocyclopentadiene	9.004	237	445606	49.053	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	930794	52.456	ng	97

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44) 2,4,5-Trichlorophenol	9.175	196	969475	50.953	ng	99
46) 1,1'-Biphenyl	9.322	154	3263135	48.173	ng	99
47) 2-Chloronaphthalene	9.345	162	2538921	48.881	ng	99
48) 2-Nitroaniline	9.439	65	680570	50.626	ng	99
49) Acenaphthylene	9.763	152	3632949	48.222	ng	99
50) Dimethylphthalate	9.622	163	3002721	48.607	ng	100
51) 2,6-Dinitrotoluene	9.680	165	691939	50.301	ng	97
52) Acenaphthene	9.933	154	2678433	49.741	ng	100
53) 3-Nitroaniline	9.851	138	665504	49.430	ng	100
54) 2,4-Dinitrophenol	9.957	184	414002	55.563	ng	99
55) Dibenzofuran	10.104	168	3636164	47.900	ng	98
56) 4-Nitrophenol	10.016	139	525291	53.558	ng	99
57) 2,4-Dinitrotoluene	10.086	165	930531	50.485	ng	99
58) Fluorene	10.445	166	2890213	48.560	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	875255	50.701	ng	99
60) Diethylphthalate	10.316	149	2912052	49.291	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	1542786	48.960	ng	99
62) 4-Nitroaniline	10.469	138	678405	50.939	ng	98
63) Azobenzene	10.598	77	2473712	48.275	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	559202	51.917	ng	97
66) n-Nitrosodiphenylamine	10.557	169	2440107	49.182	ng	99
67) 4-Bromophenyl-phenylether	10.927	248	1017098	50.184	ng	99
68) Hexachlorobenzene	10.992	284	1188339	49.387	ng	98
69) Atrazine	11.080	200	630674	44.814	ng	99
70) Pentachlorophenol	11.192	266	699941	53.351	ng	99
71) Phenanthrene	11.410	178	3958435	47.445	ng	99
72) Anthracene	11.463	178	3973975	47.628	ng	98
73) Carbazole	11.616	167	3436934	47.438	ng	100
74) Di-n-butylphthalate	11.939	149	3938908	47.844	ng	99
75) Fluoranthene	12.598	202	3951515	45.452	ng	99
77) Benzidine	12.721	184	757970	53.442	ng	99
78) Pyrene	12.827	202	3833681	48.332	ng	99
80) Butylbenzylphthalate	13.439	149	1149791	50.066	ng	100
81) Benzo(a)anthracene	14.010	228	3038972	50.537	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	986233	53.816	ng	98
83) Chrysene	14.051	228	2643316	47.612	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	1450019	52.882	ng	100
85) Di-n-octyl phthalate	14.610	149	2596936	55.183	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	3990923	48.945	ng	99
88) Benzo(b)fluoranthene	15.062	252	3106636	47.153	ng	99
89) Benzo(k)fluoranthene	15.092	252	3109278	50.814	ng	100
90) Benzo(a)pyrene	15.427	252	2856226	49.124	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	3294933	49.343	ng	100
92) Benzo(g,h,i)perylene	17.427	276	3380003	48.779	ng	100

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

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