

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042325\
 Data File : BF142223.D
 Acq On : 23 Apr 2025 13:43
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 23 14:39:41 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	459912	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	1668865	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	928989	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	1608008	20.000	ng	0.00
76) Chrysene-d12	14.027	240	963654	20.000	ng	0.00
86) Perylene-d12	15.492	264	1171279	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3117282	115.514	ng	0.00
7) Phenol-d6	6.498	99	3827304	115.717	ng	0.00
23) Nitrobenzene-d5	7.428	82	3337166	119.141	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	1645565	126.367	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	6147678	106.486	ng	0.00
79) Terphenyl-d14	12.968	244	6333501	106.820	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.610	88	661075	60.955	ng 98
3) Pyridine	3.375	79	1546538	59.591	ng 99
4) n-Nitrosodimethylamine	3.340	42	654109	62.568	ng 99
6) Aniline	6.528	93	1583261	53.172	ng 96
8) 2-Chlorophenol	6.651	128	1723457	58.379	ng 98
9) Benzaldehyde	6.416	77	958312	53.295	ng 97
10) Phenol	6.516	94	2006583	57.825	ng 89
11) bis(2-Chloroethyl)ether	6.598	93	1471952	58.659	ng 100
12) 1,3-Dichlorobenzene	6.804	146	1911646	58.742	ng 98
13) 1,4-Dichlorobenzene	6.881	146	1926504	58.341	ng 100
14) 1,2-Dichlorobenzene	7.034	146	1800422	58.180	ng 99
15) Benzyl Alcohol	7.004	79	1440236	59.666	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1418461	56.849	ng 99
17) 2-Methylphenol	7.116	107	1331350	59.231	ng 99
18) Hexachloroethane	7.375	117	682867	59.260	ng 99
19) n-Nitroso-di-n-propyla...	7.281	70	1060729	57.851	ng 99
20) 3+4-Methylphenols	7.269	107	1614566	57.125	ng 91
22) Acetophenone	7.275	105	2256507	58.448	ng 98
24) Nitrobenzene	7.451	77	1669787	60.345	ng 100
25) Isophorone	7.686	82	2748219	59.839	ng 99
26) 2-Nitrophenol	7.763	139	939319	61.814	ng 98
27) 2,4-Dimethylphenol	7.798	122	1126893	63.815	ng 99
28) bis(2-Chloroethoxy)met...	7.892	93	1763618	59.534	ng 100
29) 2,4-Dichlorophenol	8.004	162	1494821	60.087	ng 100
30) 1,2,4-Trichlorobenzene	8.086	180	1701934	60.634	ng 99
31) Naphthalene	8.169	128	4613115	56.240	ng 98
32) Benzoic acid	7.939	122	1111610	69.519	ng 99
33) 4-Chloroaniline	8.216	127	1620011	56.082	ng 100
34) Hexachlorobutadiene	8.280	225	1115232	60.275	ng 100
35) Caprolactam	8.598	113	449725	61.553	ng 99
36) 4-Chloro-3-methylphenol	8.698	107	1558735	60.273	ng 98
37) 2-Methylnaphthalene	8.857	142	3179531	57.765	ng 99
38) 1-Methylnaphthalene	8.957	142	3085604	57.539	ng 99
40) 1,2,4,5-Tetrachloroben...	9.022	216	1792975	60.532	ng 99
41) Hexachlorocyclopentadiene	9.010	237	580654	61.510	ng 98
43) 2,4,6-Trichlorophenol	9.133	196	1120189	62.512	ng 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	1208405	62.889	ng	99
46) 1,1'-Biphenyl	9.322	154	3878782	56.701	ng	98
47) 2-Chloronaphthalene	9.345	162	3067034	58.470	ng	98
48) 2-Nitroaniline	9.445	65	841486	61.984	ng	97
49) Acenaphthylene	9.763	152	4359065	57.293	ng	98
50) Dimethylphthalate	9.622	163	3693476	59.204	ng	100
51) 2,6-Dinitrotoluene	9.686	165	833423	59.993	ng	100
52) Acenaphthene	9.933	154	3244257	59.658	ng	99
53) 3-Nitroaniline	9.857	138	770139	56.642	ng	97
54) 2,4-Dinitrophenol	9.963	184	503409	66.900	ng	97
55) Dibenzofuran	10.104	168	4339631	56.607	ng	97
56) 4-Nitrophenol	10.016	139	638508	64.464	ng	97
57) 2,4-Dinitrotoluene	10.092	165	1140820	61.287	ng	98
58) Fluorene	10.451	166	3457505	57.523	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	1086290	62.309	ng	100
60) Diethylphthalate	10.322	149	3463941	58.058	ng	98
61) 4-Chlorophenyl-phenyle...	10.439	204	1866385	58.650	ng	98
62) 4-Nitroaniline	10.474	138	806053	59.931	ng	98
63) Azobenzene	10.598	77	3009047	58.146	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	686288	63.984	ng	98
66) n-Nitrosodiphenylamine	10.557	169	2927929	59.262	ng	99
67) 4-Bromophenyl-phenylether	10.927	248	1272279	63.038	ng	99
68) Hexachlorobenzene	10.998	284	1478297	61.696	ng	98
69) Atrazine	11.086	200	1093377	78.020	ng	100
70) Pentachlorophenol	11.192	266	851421	65.171	ng	100
71) Phenanthrene	11.410	178	4683565	56.372	ng	98
72) Anthracene	11.463	178	4689801	56.443	ng	97
73) Carbazole	11.616	167	3940951	54.624	ng	99
74) Di-n-butylphthalate	11.945	149	4489619	54.763	ng	99
75) Fluoranthene	12.598	202	4548780	52.542	ng	98
77) Benzidine	12.721	184	810021	56.310	ng	99
78) Pyrene	12.827	202	4456131	55.391	ng	98
80) Butylbenzylphthalate	13.439	149	1396975	59.976	ng	99
81) Benzo(a)anthracene	14.015	228	3638784	59.662	ng	98
82) 3,3'-Dichlorobenzidine	13.974	252	1217023	65.478	ng	99
83) Chrysene	14.051	228	3317167	58.911	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	1815343	65.276	ng	100
85) Di-n-octyl phthalate	14.609	149	3214551	67.348	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	5049615	60.184	ng	99
88) Benzo(b)fluoranthene	15.062	252	4279250	63.121	ng	99
89) Benzo(k)fluoranthene	15.092	252	3536267	56.164	ng	99
90) Benzo(a)pyrene	15.433	252	3634335	60.745	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	4127018	60.063	ng	100
92) Benzo(g,h,i)perylene	17.433	276	4233481	59.375	ng	99

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

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