

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
 Data File : BF141811.D
 Acq On : 03 Mar 2025 14:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 03 15:34:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	333117	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1275842	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	681541	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1117998	20.000	ng	0.00
76) Chrysene-d12	14.045	240	663447	20.000	ng	0.00
86) Perylene-d12	15.515	264	550070	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1606575	77.020	ng	0.00
7) Phenol-d6	6.510	99	2080320	76.623	ng	0.00
23) Nitrobenzene-d5	7.451	82	1742007	87.275	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	510606	79.802	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3309900	77.871	ng	0.00
79) Terphenyl-d14	12.992	244	3357923	81.888	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	380401	40.191	ng	100
3) Pyridine	3.451	79	936261	39.758	ng	99
4) n-Nitrosodimethylamine	3.410	42	462198	40.791	ng	97
6) Aniline	6.551	93	1087753	38.537	ng	100
8) 2-Chlorophenol	6.675	128	871855	38.638	ng	98
9) Benzaldehyde	6.440	77	543505	34.415	ng	100
10) Phenol	6.522	94	1115999	38.467	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	862702	39.010	ng	99
12) 1,3-Dichlorobenzene	6.828	146	947471	39.209	ng	99
13) 1,4-Dichlorobenzene	6.904	146	952610	39.124	ng	100
14) 1,2-Dichlorobenzene	7.063	146	882292	38.805	ng	99
15) Benzyl Alcohol	7.022	79	826687	38.099	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1313544	39.111	ng	99
17) 2-Methylphenol	7.128	107	722047	38.767	ng	99
18) Hexachloroethane	7.404	117	351046	38.521	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	667446	37.397	ng	99
20) 3+4-Methylphenols	7.287	107	884098	38.120	ng	93
22) Acetophenone	7.298	105	1227307	39.497	ng	98
24) Nitrobenzene	7.469	77	909529	42.553	ng	98
25) Isophorone	7.710	82	1669719	38.938	ng	99
26) 2-Nitrophenol	7.786	139	350206	37.751	ng	98
27) 2,4-Dimethylphenol	7.816	122	622034	39.462	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1072963	39.225	ng	100
29) 2,4-Dichlorophenol	8.022	162	729173	40.098	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	796334	39.964	ng	99
31) Naphthalene	8.192	128	2577208	39.303	ng	100
32) Benzoic acid	7.928	122	470459	37.721	ng	99
33) 4-Chloroaniline	8.239	127	939425	39.072	ng	100
34) Hexachlorobutadiene	8.310	225	496196	40.073	ng	98
35) Caprolactam	8.610	113	224556	40.141	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	792497	39.231	ng	98
37) 2-Methylnaphthalene	8.881	142	1677110	38.993	ng	100
38) 1-Methylnaphthalene	8.981	142	1619174	39.234	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	786375	39.951	ng	100
41) Hexachlorocyclopentadiene	9.033	237	320767	39.049	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	500423	39.357	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	533229	42.351	ng	99
46) 1,1'-Biphenyl	9.345	154	2074425	39.988	ng	99
47) 2-Chloronaphthalene	9.369	162	1545705	40.370	ng	100
48) 2-Nitroaniline	9.463	65	422129	40.975	ng	98
49) Acenaphthylene	9.786	152	2292782	39.939	ng	100
50) Dimethylphthalate	9.645	163	1819644	39.868	ng	100
51) 2,6-Dinitrotoluene	9.704	165	352780	40.852	ng	98
52) Acenaphthene	9.957	154	1548970	39.989	ng	100
53) 3-Nitroaniline	9.875	138	375561	40.852	ng	99
54) 2,4-Dinitrophenol	9.975	184	131005	40.966	ng	# 34
55) Dibenzofuran	10.133	168	2228045	39.519	ng	99
56) 4-Nitrophenol	10.016	139	298813	44.328	ng	99
57) 2,4-Dinitrotoluene	10.104	165	441287	41.865	ng	98
58) Fluorene	10.475	166	1646123	38.979	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	454326	41.490	ng	99
60) Diethylphthalate	10.345	149	1832531	40.051	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	826460	39.059	ng	99
62) 4-Nitroaniline	10.486	138	369922	47.460	ng	98
63) Azobenzene	10.627	77	1918377	39.820	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	195072	38.906	ng	95
66) n-Nitrosodiphenylamine	10.580	169	1453388	39.590	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	527482	40.393	ng	99
68) Hexachlorobenzene	11.022	284	556270	40.340	ng	98
69) Atrazine	11.104	200	378254	37.468	ng	99
70) Pentachlorophenol	11.210	266	357011	40.821	ng	99
71) Phenanthrene	11.433	178	2384850	39.879	ng	99
72) Anthracene	11.486	178	2350089	39.211	ng	100
73) Carbazole	11.639	167	2089718	39.483	ng	100
74) Di-n-butylphthalate	11.974	149	2672412	39.834	ng	100
75) Fluoranthene	12.621	202	2391153	39.022	ng	100
77) Benzidine	12.739	184	601200	71.996	ng	99
78) Pyrene	12.851	202	2404003	41.845	ng	100
80) Butylbenzylphthalate	13.468	149	893316	42.798	ng	99
81) Benzo(a)anthracene	14.039	228	1724858	39.361	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	508249	40.425	ng	99
83) Chrysene	14.074	228	1568254	38.822	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1160504	44.652	ng	100
85) Di-n-octyl phthalate	14.645	149	1593758	40.960	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	1451423	41.438	ng	100
88) Benzo(b)fluoranthene	15.086	252	1571815	41.949	ng	99
89) Benzo(k)fluoranthene	15.115	252	1178221	36.996	ng	100
90) Benzo(a)pyrene	15.457	252	1197380	39.847	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	1204833	42.140	ng	100
92) Benzo(g,h,i)perylene	17.462	276	1224009	41.789	ng	99

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

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