

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141551.D
 Acq On : 11 Feb 2025 10:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 11 11:06:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	100982	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	399334	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	220290	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	380364	20.000	ng	0.00
76) Chrysene-d12	13.957	240	221485	20.000	ng	0.00
86) Perylene-d12	15.410	264	189149	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	511150	79.356	ng	0.00
7) Phenol-d6	6.434	99	643479	79.040	ng	0.00
23) Nitrobenzene-d5	7.357	82	605988	79.150	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	176794	79.892	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1120127	78.338	ng	0.00
79) Terphenyl-d14	12.898	244	1178679	89.840	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	100747	38.862	ng	99
3) Pyridine	3.216	79	247438	40.110	ng	100
4) n-Nitrosodimethylamine	3.169	42	157380	38.528	ng	98
6) Aniline	6.451	93	302324	39.588	ng	92
8) 2-Chlorophenol	6.581	128	277627	39.889	ng	99
9) Benzaldehyde	6.340	77	152087	35.155	ng	100
10) Phenol	6.445	94	332783	39.274	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	251570	39.527	ng	99
12) 1,3-Dichlorobenzene	6.728	146	294127	40.029	ng	98
13) 1,4-Dichlorobenzene	6.810	146	296503	39.495	ng	98
14) 1,2-Dichlorobenzene	6.963	146	276132	39.630	ng	100
15) Benzyl Alcohol	6.934	79	248245	39.763	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	429398	39.413	ng	98
17) 2-Methylphenol	7.051	107	210577	38.662	ng	99
18) Hexachloroethane	7.298	117	110474	39.762	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	193046	39.642	ng	97
20) 3+4-Methylphenols	7.204	107	269006	38.863	ng	95
22) Acetophenone	7.204	105	386258	38.884	ng	100
24) Nitrobenzene	7.375	77	294305	39.421	ng	99
25) Isophorone	7.616	82	486718	39.870	ng	99
26) 2-Nitrophenol	7.692	139	151129	40.688	ng	96
27) 2,4-Dimethylphenol	7.734	122	176787	40.742	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	317603	40.602	ng	100
29) 2,4-Dichlorophenol	7.939	162	235725	40.207	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	254617	39.881	ng	99
31) Naphthalene	8.098	128	820994	39.496	ng	100
32) Benzoic acid	7.863	122	171762	38.109	ng	100
33) 4-Chloroaniline	8.145	127	260705	35.922	ng	99
34) Hexachlorobutadiene	8.210	225	154125	40.212	ng	99
35) Caprolactam	8.522	113	72868	40.821	ng	96
36) 4-Chloro-3-methylphenol	8.634	107	258721	39.838	ng	99
37) 2-Methylnaphthalene	8.786	142	535507	39.589	ng	99
38) 1-Methylnaphthalene	8.886	142	513186	39.172	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	253153	39.721	ng	100
41) Hexachlorocyclopentadiene	8.934	237	79719	37.607	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	164418	39.916	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	176666	39.574	ng	98
46) 1,1'-Biphenyl	9.251	154	680211	39.828	ng	100
47) 2-Chloronaphthalene	9.275	162	494742	39.175	ng	100
48) 2-Nitroaniline	9.375	65	163823	38.652	ng	95
49) Acenaphthylene	9.686	152	742913	39.549	ng	99
50) Dimethylphthalate	9.551	163	598973	40.052	ng	99
51) 2,6-Dinitrotoluene	9.616	165	129812	39.707	ng	99
52) Acenaphthene	9.863	154	494087	39.125	ng	99
53) 3-Nitroaniline	9.786	138	136720	38.855	ng	98
54) 2,4-Dinitrophenol	9.898	184	79744	41.042	ng	90
55) Dibenzofuran	10.033	168	728307	39.291	ng	100
56) 4-Nitrophenol	9.957	139	102589	39.275	ng	97
57) 2,4-Dinitrotoluene	10.022	165	175460	40.316	ng	99
58) Fluorene	10.375	166	568620	39.674	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	153425	39.919	ng	97
60) Diethylphthalate	10.251	149	596031	40.508	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	273368	39.647	ng	99
62) 4-Nitroaniline	10.398	138	142801	39.968	ng	98
63) Azobenzene	10.528	77	583738	39.907	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	105582	39.960	ng	94
66) n-Nitrosodiphenylamine	10.486	169	482640	39.639	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	172060	40.475	ng	98
68) Hexachlorobenzene	10.922	284	174724	39.915	ng	96
69) Atrazine	11.016	200	132082	36.159	ng	99
70) Pentachlorophenol	11.122	266	111889	39.974	ng	99
71) Phenanthrene	11.339	178	811492	38.758	ng	100
72) Anthracene	11.392	178	830102	39.440	ng	100
73) Carbazole	11.545	167	730698	38.584	ng	100
74) Di-n-butylphthalate	11.875	149	889622	40.683	ng	100
75) Fluoranthene	12.527	202	846154	38.119	ng	100
77) Benzidine	12.651	184	187856	38.458	ng	99
78) Pyrene	12.757	202	847654	44.958	ng	99
80) Butylbenzylphthalate	13.374	149	289726	44.364	ng	99
81) Benzo(a)anthracene	13.945	228	581807	39.517	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	162839	38.611	ng	98
83) Chrysene	13.980	228	538648	39.623	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	328143	44.551	ng	99
85) Di-n-octyl phthalate	14.557	149	460738	43.848	ng	100
87) Indeno(1,2,3-cd)pyrene	16.857	276	513192	43.910	ng	100
88) Benzo(b)fluoranthene	14.992	252	496986	39.131	ng	99
89) Benzo(k)fluoranthene	15.021	252	401654	37.036	ng	99
90) Benzo(a)pyrene	15.351	252	403008	39.215	ng	99
91) Dibenzo(a,h)anthracene	16.874	278	418333	44.174	ng	99
92) Benzo(g,h,i)perylene	17.298	276	437196	44.116	ng	99

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

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