

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141755.D
 Acq On : 25 Feb 2025 10:34
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 25 11:03:55 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	6.781	152	83876	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	333850	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	179797	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	280239	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	152344	20.000	ng	-0.02
86) Perylene-d12	15.386	264	167961	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	462555	86.457	ng	0.00
7) Phenol-d6	6.428	99	561086	82.975	ng	-0.01
23) Nitrobenzene-d5	7.351	82	513035	80.153	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	137629	76.201	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	966496	82.817	ng	-0.01
79) Terphenyl-d14	12.886	244	817377	90.576	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.457	88	87358	40.569	ng	98
3) Pyridine	3.187	79	217499	42.447	ng	96
4) n-Nitrosodimethylamine	3.146	42	123127	36.290	ng	91
6) Aniline	6.445	93	257077	40.528	ng	88
8) 2-Chlorophenol	6.575	128	245401	42.450	ng	99
9) Benzaldehyde	6.334	77	157405	43.804	ng	98
10) Phenol	6.445	94	292725	41.592	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	219867	41.592	ng	100
12) 1,3-Dichlorobenzene	6.722	146	263327	43.146	ng	97
13) 1,4-Dichlorobenzene	6.798	146	266619	42.757	ng	99
14) 1,2-Dichlorobenzene	6.951	146	250123	43.218	ng	100
15) Benzyl Alcohol	6.934	79	205915	39.710	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	347691	38.422	ng	60
17) 2-Methylphenol	7.051	107	186964	41.327	ng	95
18) Hexachloroethane	7.292	117	97445	42.225	ng	95
19) n-Nitroso-di-n-propyla...	7.198	70	166444	41.150	ng	93
20) 3+4-Methylphenols	7.204	107	241843	42.065	ng	# 80
22) Acetophenone	7.192	105	337823	40.679	ng	92
24) Nitrobenzene	7.369	77	251798	40.343	ng	98
25) Isophorone	7.604	82	412929	40.460	ng	98
26) 2-Nitrophenol	7.687	139	132793	42.764	ng	92
27) 2,4-Dimethylphenol	7.728	122	152449	42.025	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	273434	41.812	ng	99
29) 2,4-Dichlorophenol	7.934	162	205263	41.878	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	222891	41.760	ng	100
31) Naphthalene	8.086	128	716264	41.216	ng	100
32) Benzoic acid	7.863	122	121186	32.162	ng	99
33) 4-Chloroaniline	8.139	127	253211	41.733	ng	97
34) Hexachlorobutadiene	8.198	225	133921	41.794	ng	99
35) Caprolactam	8.516	113	57557	38.568	ng	# 87
36) 4-Chloro-3-methylphenol	8.628	107	216842	39.939	ng	98
37) 2-Methylnaphthalene	8.775	142	467144	41.309	ng	100
38) 1-Methylnaphthalene	8.875	142	442044	40.360	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	223056	42.881	ng	99
41) Hexachlorocyclopentadiene	8.928	237	71295	41.208	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	137576	40.921	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	145193	39.849	ng	98
46) 1,1'-Biphenyl	9.239	154	579898	41.602	ng	100
47) 2-Chloronaphthalene	9.263	162	432433	41.952	ng	99
48) 2-Nitroaniline	9.369	65	130023	37.587	ng	93
49) Acenaphthylene	9.681	152	624325	40.722	ng	100
50) Dimethylphthalate	9.539	163	497613	40.768	ng	99
51) 2,6-Dinitrotoluene	9.610	165	105812	39.655	ng	95
52) Acenaphthene	9.851	154	405354	39.327	ng	99
53) 3-Nitroaniline	9.781	138	109691	38.195	ng	96
54) 2,4-Dinitrophenol	9.898	184	55724	35.138	ng	90
55) Dibenzofuran	10.022	168	601113	39.732	ng	99
56) 4-Nitrophenol	9.963	139	74346	34.873	ng	89
57) 2,4-Dinitrotoluene	10.016	165	135376	38.111	ng	95
58) Fluorene	10.363	166	462911	39.572	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	119131	37.977	ng	96
60) Diethylphthalate	10.239	149	475797	39.619	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	231758	41.182	ng	97
62) 4-Nitroaniline	10.392	138	102774	35.243	ng	96
63) Azobenzene	10.516	77	459724	38.507	ng	96
65) 4,6-Dinitro-2-methylph...	10.428	198	76253	39.171	ng	90
66) n-Nitrosodiphenylamine	10.475	169	389832	43.456	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	138581	44.246	ng	99
68) Hexachlorobenzene	10.916	284	141111	43.753	ng	98
69) Atrazine	11.004	200	96315	35.789	ng	99
70) Pentachlorophenol	11.116	266	81715	39.625	ng	100
71) Phenanthrene	11.327	178	631134	40.914	ng	100
72) Anthracene	11.380	178	643431	41.494	ng	100
73) Carbazole	11.539	167	535192	38.357	ng	100
74) Di-n-butylphthalate	11.863	149	655095	40.662	ng	99
75) Fluoranthene	12.516	202	600259	36.703	ng	100
77) Benzidine	12.645	184	123930	36.886	ng	100
78) Pyrene	12.745	202	591308	45.595	ng	99
80) Butylbenzylphthalate	13.357	149	198892	44.277	ng	99
81) Benzo(a)anthracene	13.933	228	424696	41.938	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	128425	44.271	ng	98
83) Chrysene	13.968	228	387162	41.405	ng	98
84) Bis(2-ethylhexyl)phtha...	13.916	149	251728	49.688	ng	100
85) Di-n-octyl phthalate	14.527	149	408656	56.543	ng	98
87) Indeno(1,2,3-cd)pyrene	16.827	276	502156	48.386	ng	99
88) Benzo(b)fluoranthene	14.968	252	393427	34.885	ng	99
89) Benzo(k)fluoranthene	14.998	252	333990	34.682	ng	98
90) Benzo(a)pyrene	15.327	252	369170	40.454	ng	99
91) Dibenzo(a,h)anthracene	16.839	278	412131	49.009	ng	99
92) Benzo(g,h,i)perylene	17.262	276	427677	48.600	ng	100

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

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