

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
 Data File : BF140253.D
 Acq On : 06 Nov 2024 12:42
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 06 13:15:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	169690	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	645818	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	374513	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	665690	20.000	ng	0.00
76) Chrysene-d12	14.062	240	406906	20.000	ng	0.00
86) Perylene-d12	15.580	264	372528	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	781659	76.338	ng	0.00
7) Phenol-d6	6.504	99	1002986	76.154	ng	0.00
23) Nitrobenzene-d5	7.439	82	959828	73.892	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	294450	79.541	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1724491	73.527	ng	0.00
79) Terphenyl-d14	12.992	244	1881653	75.752	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	187174	39.760	ng	96
3) Pyridine	3.422	79	457386	39.819	ng	97
4) n-Nitrosodimethylamine	3.381	42	245527	37.023	ng	94
6) Aniline	6.539	93	463720	38.971	ng	99
8) 2-Chlorophenol	6.663	128	418567	39.068	ng	96
9) Benzaldehyde	6.428	77	295458	36.419	ng	99
10) Phenol	6.516	94	538392	38.490	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	413647	38.928	ng	97
12) 1,3-Dichlorobenzene	6.816	146	485657	38.683	ng	100
13) 1,4-Dichlorobenzene	6.892	146	490242	38.716	ng	99
14) 1,2-Dichlorobenzene	7.051	146	457586	38.692	ng	98
15) Benzyl Alcohol	7.016	79	387424	38.159	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	644273	37.458	ng	99
17) 2-Methylphenol	7.122	107	342702	38.345	ng	99
18) Hexachloroethane	7.386	117	184546	39.126	ng	95
19) n-Nitroso-di-n-propyla...	7.286	70	313578	37.321	ng	98
20) 3+4-Methylphenols	7.275	107	434359	38.697	ng	# 89
22) Acetophenone	7.286	105	595879	37.214	ng	94
24) Nitrobenzene	7.457	77	506069	37.129	ng	99
25) Isophorone	7.698	82	825584	36.912	ng	99
26) 2-Nitrophenol	7.775	139	208029	38.369	ng	99
27) 2,4-Dimethylphenol	7.804	122	281595	38.177	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	502314	37.529	ng	100
29) 2,4-Dichlorophenol	8.010	162	351640	38.536	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	416819	38.120	ng	99
31) Naphthalene	8.180	128	1250544	37.499	ng	100
32) Benzoic acid	7.916	122	224286	37.052	ng	98
33) 4-Chloroaniline	8.228	127	422625	38.494	ng	98
34) Hexachlorobutadiene	8.298	225	280514	37.901	ng	99
35) Caprolactam	8.598	113	105508	38.009	ng	100
36) 4-Chloro-3-methylphenol	8.704	107	388118	38.202	ng	97
37) 2-Methylnaphthalene	8.869	142	820664	37.706	ng	99
38) 1-Methylnaphthalene	8.969	142	801587	37.574	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	419681	38.279	ng	99
41) Hexachlorocyclopentadiene	9.022	237	129676	42.209	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	266786	39.267	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	275264	38.532	ng	99
46) 1,1'-Biphenyl	9.339	154	1011892	37.380	ng	99
47) 2-Chloronaphthalene	9.363	162	769784	37.782	ng	99
48) 2-Nitroaniline	9.457	65	255130	37.443	ng	96
49) Acenaphthylene	9.780	152	1086347	37.661	ng	100
50) Dimethylphthalate	9.639	163	871788	37.797	ng	100
51) 2,6-Dinitrotoluene	9.698	165	211363	38.985	ng	99
52) Acenaphthene	9.951	154	779900	38.118	ng	98
53) 3-Nitroaniline	9.869	138	195810	38.356	ng	99
54) 2,4-Dinitrophenol	9.974	184	84496	35.454	ng	93
55) Dibenzofuran	10.122	168	1071471	37.451	ng	99
56) 4-Nitrophenol	10.022	139	142022	39.566	ng	99
57) 2,4-Dinitrotoluene	10.104	165	277833	39.491	ng	95
58) Fluorene	10.469	166	844792	37.094	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	239923	40.998	ng	96
60) Diethylphthalate	10.339	149	870025	37.959	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	436016	37.988	ng	98
62) 4-Nitroaniline	10.486	138	198745	39.176	ng	97
63) Azobenzene	10.621	77	885256	37.258	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	135390	38.725	ng	94
66) n-Nitrosodiphenylamine	10.580	169	721996	37.709	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	278790	38.892	ng	98
68) Hexachlorobenzene	11.016	284	315411	38.601	ng	97
69) Atrazine	11.104	200	226495	43.239	ng	98
70) Pentachlorophenol	11.210	266	180602	41.162	ng	98
71) Phenanthrene	11.433	178	1183824	37.264	ng	100
72) Anthracene	11.486	178	1176296	37.760	ng	99
73) Carbazole	11.639	167	1079209	37.915	ng	99
74) Di-n-butylphthalate	11.968	149	1305035	38.733	ng	100
75) Fluoranthene	12.621	202	1272270	38.300	ng	100
77) Benzidine	12.745	184	314280	39.504	ng	99
78) Pyrene	12.851	202	1279152	38.073	ng	100
80) Butylbenzylphthalate	13.468	149	471966	39.013	ng	98
81) Benzo(a)anthracene	14.051	228	1018939	39.020	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	313076	38.178	ng	100
83) Chrysene	14.092	228	920294	37.634	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	660258	38.940	ng	99
85) Di-n-octyl phthalate	14.686	149	989253	38.763	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	851256	38.928	ng	99
88) Benzo(b)fluoranthene	15.139	252	910889	40.424	ng	100
89) Benzo(k)fluoranthene	15.168	252	759996	36.756	ng	99
90) Benzo(a)pyrene	15.515	252	727249	39.145	ng	100
91) Dibenzo(a,h)anthracene	17.109	278	688659	38.278	ng	100
92) Benzo(g,h,i)perylene	17.550	276	695534	37.898	ng	99

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

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