

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141496.D
 Acq On : 07 Feb 2025 09:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 07 10:35:57 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	6.787	152	91214	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	362855	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	201746	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	342006	20.000	ng	0.00
76) Chrysene-d12	13.957	240	240401	20.000	ng	0.00
86) Perylene-d12	15.410	264	192218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	466162	80.122	ng	0.00
7) Phenol-d6	6.428	99	584998	79.552	ng	-0.01
23) Nitrobenzene-d5	7.357	82	550061	79.068	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	156075	77.012	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1011149	77.217	ng	0.00
79) Terphenyl-d14	12.904	244	1133546	79.601	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	93900	40.099	ng	100
3) Pyridine	3.204	79	225767	40.516	ng	98
4) n-Nitrosodimethylamine	3.157	42	147706	40.032	ng	96
6) Aniline	6.451	93	265138	38.436	ng	98
8) 2-Chlorophenol	6.581	128	250859	39.903	ng	100
9) Benzaldehyde	6.340	77	133096	34.059	ng	99
10) Phenol	6.445	94	305307	39.890	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	230405	40.079	ng	99
12) 1,3-Dichlorobenzene	6.728	146	264107	39.793	ng	99
13) 1,4-Dichlorobenzene	6.804	146	272238	40.146	ng	99
14) 1,2-Dichlorobenzene	6.963	146	251498	39.960	ng	99
15) Benzyl Alcohol	6.934	79	221840	39.339	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	388669	39.495	ng	99
17) 2-Methylphenol	7.051	107	193513	39.334	ng	99
18) Hexachloroethane	7.298	117	100797	40.164	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	177792	40.419	ng	99
20) 3+4-Methylphenols	7.204	107	247906	39.650	ng	98
22) Acetophenone	7.204	105	354825	39.311	ng	99
24) Nitrobenzene	7.375	77	270998	39.948	ng	99
25) Isophorone	7.616	82	440694	39.729	ng	99
26) 2-Nitrophenol	7.692	139	136362	40.403	ng	96
27) 2,4-Dimethylphenol	7.734	122	155109	39.340	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	286038	40.243	ng	100
29) 2,4-Dichlorophenol	7.939	162	214062	40.182	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	227714	39.253	ng	99
31) Naphthalene	8.098	128	749139	39.662	ng	100
32) Benzoic acid	7.857	122	167593	40.922	ng	100
33) 4-Chloroaniline	8.151	127	245806	37.274	ng	99
34) Hexachlorobutadiene	8.210	225	139120	39.946	ng	99
35) Caprolactam	8.516	113	64455	39.738	ng	99
36) 4-Chloro-3-methylphenol	8.633	107	237561	40.257	ng	99
37) 2-Methylnaphthalene	8.786	142	474911	38.639	ng	99
38) 1-Methylnaphthalene	8.886	142	470524	39.526	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	228084	39.077	ng	99
41) Hexachlorocyclopentadiene	8.939	237	78812	40.596	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	148599	39.391	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	159885	39.107	ng	99
46) 1,1'-Biphenyl	9.251	154	607180	38.820	ng	100
47) 2-Chloronaphthalene	9.275	162	451337	39.023	ng	100
48) 2-Nitroaniline	9.375	65	152041	39.170	ng	98
49) Acenaphthylene	9.692	152	675685	39.277	ng	100
50) Dimethylphthalate	9.557	163	529941	38.693	ng	100
51) 2,6-Dinitrotoluene	9.616	165	117389	39.208	ng	99
52) Acenaphthene	9.863	154	452808	39.152	ng	99
53) 3-Nitroaniline	9.786	138	125508	38.948	ng	99
54) 2,4-Dinitrophenol	9.892	184	67632	38.007	ng	98
55) Dibenzofuran	10.033	168	660638	38.916	ng	100
56) 4-Nitrophenol	9.957	139	96383	40.291	ng	98
57) 2,4-Dinitrotoluene	10.022	165	155299	38.963	ng	99
58) Fluorene	10.375	166	509117	38.787	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	139813	39.721	ng	96
60) Diethylphthalate	10.251	149	517267	38.386	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	246536	39.042	ng	99
62) 4-Nitroaniline	10.398	138	132456	40.480	ng	99
63) Azobenzene	10.527	77	523713	39.094	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	96815	40.751	ng	98
66) n-Nitrosodiphenylamine	10.486	169	429297	39.213	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	153212	40.083	ng	97
68) Hexachlorobenzene	10.922	284	156634	39.795	ng	98
69) Atrazine	11.016	200	126566	38.536	ng	99
70) Pentachlorophenol	11.122	266	103590	41.160	ng	98
71) Phenanthrene	11.339	178	735189	39.052	ng	100
72) Anthracene	11.392	178	740620	39.135	ng	100
73) Carbazole	11.545	167	675674	39.680	ng	100
74) Di-n-butylphthalate	11.880	149	798668	40.620	ng	100
75) Fluoranthene	12.527	202	806032	40.384	ng	99
77) Benzidine	12.651	184	199354	37.601	ng	99
78) Pyrene	12.757	202	811169	39.638	ng	100
80) Butylbenzylphthalate	13.380	149	305486	43.097	ng	98
81) Benzo(a)anthracene	13.945	228	611195	38.247	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	176694	38.600	ng	98
83) Chrysene	13.986	228	596150	40.402	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	371491	46.468	ng	100
85) Di-n-octyl phthalate	14.557	149	494876	43.392	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	474290	39.934	ng	99
88) Benzo(b)fluoranthene	14.986	252	529908	41.057	ng	99
89) Benzo(k)fluoranthene	15.015	252	425996	38.653	ng	98
90) Benzo(a)pyrene	15.345	252	419642	40.182	ng	99
91) Dibenzo(a,h)anthracene	16.862	278	385831	40.092	ng	99
92) Benzo(g,h,i)perylene	17.280	276	407051	40.419	ng	100

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

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