

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141637.D
 Acq On : 14 Feb 2025 14:12
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Feb 14 14:43:48 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	107136	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	420232	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	230255	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	392808	20.000	ng	0.00
76) Chrysene-d12	13.957	240	249369	20.000	ng	0.00
86) Perylene-d12	15.416	264	195176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	549516	80.412	ng	0.00
7) Phenol-d6	6.434	99	676217	78.290	ng	0.00
23) Nitrobenzene-d5	7.357	82	620661	77.035	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	183520	79.342	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1161773	77.735	ng	0.00
79) Terphenyl-d14	12.892	244	1231252	83.353	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	108980	39.623	ng	99
3) Pyridine	3.205	79	264910	40.475	ng	96
4) n-Nitrosodimethylamine	3.163	42	163122	37.640	ng	92
6) Aniline	6.451	93	243186	30.015	ng	# 72
8) 2-Chlorophenol	6.575	128	292025	39.548	ng	96
9) Benzaldehyde	6.340	77	240414	52.379	ng	99
10) Phenol	6.445	94	345076	38.385	ng	90
11) bis(2-Chloroethyl)ether	6.528	93	267934	39.680	ng	99
12) 1,3-Dichlorobenzene	6.728	146	309171	39.660	ng	98
13) 1,4-Dichlorobenzene	6.804	146	316309	39.713	ng	99
14) 1,2-Dichlorobenzene	6.957	146	298877	40.431	ng	99
15) Benzyl Alcohol	6.934	79	252955	38.190	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	435351	37.664	ng	75
17) 2-Methylphenol	7.051	107	226567	39.208	ng	97
18) Hexachloroethane	7.298	117	119176	40.430	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	200882	38.882	ng	97
20) 3+4-Methylphenols	7.204	107	284255	38.707	ng	96
22) Acetophenone	7.198	105	404557	38.701	ng	# 96
24) Nitrobenzene	7.375	77	301002	38.313	ng	98
25) Isophorone	7.610	82	511779	39.838	ng	99
26) 2-Nitrophenol	7.687	139	161142	41.226	ng	96
27) 2,4-Dimethylphenol	7.728	122	180559	39.542	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	334227	40.602	ng	99
29) 2,4-Dichlorophenol	7.939	162	251000	40.683	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	267351	39.793	ng	99
31) Naphthalene	8.092	128	853747	39.029	ng	100
32) Benzoic acid	7.869	122	177549	37.434	ng	98
33) 4-Chloroaniline	8.145	127	251295	32.904	ng	98
34) Hexachlorobutadiene	8.204	225	163037	40.422	ng	99
35) Caprolactam	8.522	113	75890	40.400	ng	93
36) 4-Chloro-3-methylphenol	8.634	107	269716	39.466	ng	98
37) 2-Methylnaphthalene	8.781	142	564984	39.691	ng	99
38) 1-Methylnaphthalene	8.881	142	541344	39.266	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	269871	40.512	ng	99
41) Hexachlorocyclopentadiene	8.934	237	79718	35.979	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	171097	39.740	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	187057	40.088	ng	98
46) 1,1'-Biphenyl	9.245	154	703331	39.400	ng	100
47) 2-Chloronaphthalene	9.269	162	521785	39.528	ng	100
48) 2-Nitroaniline	9.375	65	171498	38.712	ng	96
49) Acenaphthylene	9.686	152	769280	39.181	ng	99
50) Dimethylphthalate	9.551	163	626430	40.075	ng	100
51) 2,6-Dinitrotoluene	9.616	165	135852	39.756	ng	96
52) Acenaphthene	9.857	154	509416	38.593	ng	99
53) 3-Nitroaniline	9.786	138	139362	37.892	ng	98
54) 2,4-Dinitrophenol	9.898	184	76906	37.868	ng	91
55) Dibenzofuran	10.028	168	747087	38.559	ng	100
56) 4-Nitrophenol	9.963	139	94975	34.787	ng	92
57) 2,4-Dinitrotoluene	10.022	165	181929	39.993	ng	96
58) Fluorene	10.375	166	585369	39.075	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	160045	39.840	ng	95
60) Diethylphthalate	10.245	149	625908	40.698	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	288463	40.025	ng	99
62) 4-Nitroaniline	10.398	138	124924	33.451	ng	98
63) Azobenzene	10.522	77	600059	39.247	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	108225	39.662	ng	97
66) n-Nitrosodiphenylamine	10.486	169	502383	39.954	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	179244	40.829	ng	97
68) Hexachlorobenzene	10.922	284	185090	40.943	ng	98
69) Atrazine	11.010	200	128077	33.952	ng	98
70) Pentachlorophenol	11.122	266	108084	37.392	ng	99
71) Phenanthrene	11.333	178	843942	39.031	ng	100
72) Anthracene	11.386	178	850078	39.110	ng	100
73) Carbazole	11.545	167	750015	38.349	ng	100
74) Di-n-butylphthalate	11.869	149	923226	40.882	ng	100
75) Fluoranthene	12.522	202	880902	38.427	ng	100
77) Benzidine	12.663	184	69985	12.725	ng	98
78) Pyrene	12.751	202	886449	41.758	ng	99
80) Butylbenzylphthalate	13.369	149	324579	44.144	ng	99
81) Benzo(a)anthracene	13.945	228	656735	39.619	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	166593	35.084	ng	98
83) Chrysene	13.980	228	596634	38.981	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	393590	47.462	ng	99
85) Di-n-octyl phthalate	14.563	149	560094	47.344	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	546070	45.280	ng	100
88) Benzo(b)fluoranthene	14.998	252	544380	41.539	ng	99
89) Benzo(k)fluoranthene	15.027	252	433894	38.773	ng	99
90) Benzo(a)pyrene	15.357	252	425991	40.172	ng	98
91) Dibenzo(a,h)anthracene	16.880	278	441085	45.138	ng	99
92) Benzo(g,h,i)perylene	17.298	276	466821	45.651	ng	99

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

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