

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141023.D
 Acq On : 30 Dec 2024 11:10
 Operator : RC/JU
 Sample : PB165875BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165875BS

Quant Time: Dec 30 11:34:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	257073	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1028057	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	552137	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	907991	20.000	ng	0.00
76) Chrysene-d12	13.992	240	558420	20.000	ng	0.00
86) Perylene-d12	15.445	264	562877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2411497	141.401	ng	0.02
7) Phenol-d6	6.457	99	3055766	139.091	ng	0.00
23) Nitrobenzene-d5	7.392	82	1880357	117.018	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	918323	171.164	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3408154	98.345	ng	0.00
79) Terphenyl-d14	12.939	244	3673996	109.281	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	308611	39.970	ng	98
3) Pyridine	3.399	79	834327	44.217	ng	99
4) n-Nitrosodimethylamine	3.346	42	440671	46.093	ng	99
6) Aniline	6.492	93	891615	45.505	ng	99
8) 2-Chlorophenol	6.610	128	906621	50.422	ng	99
9) Benzaldehyde	6.375	77	169903	9.512	ng	97
10) Phenol	6.469	94	1128357	49.670	ng	95
11) bis(2-Chloroethyl)ether	6.569	93	857549	46.752	ng	98
12) 1,3-Dichlorobenzene	6.769	146	928638	46.798	ng	99
13) 1,4-Dichlorobenzene	6.845	146	935046	46.743	ng	100
14) 1,2-Dichlorobenzene	6.998	146	892654	47.861	ng	99
15) Benzyl Alcohol	6.969	79	786266	49.803	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1355786	48.875	ng	99
17) 2-Methylphenol	7.081	107	737109	49.345	ng	100
18) Hexachloroethane	7.345	117	342154	48.149	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	648762	48.202	ng	99
20) 3+4-Methylphenols	7.234	107	898466	47.530	ng	# 85
22) Acetophenone	7.239	105	1187192	47.074	ng	98
24) Nitrobenzene	7.410	77	924988	51.516	ng	98
25) Isophorone	7.651	82	1724028	49.305	ng	99
26) 2-Nitrophenol	7.728	139	411640	55.065	ng	99
27) 2,4-Dimethylphenol	7.763	122	729167	57.058	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	1054074	47.578	ng	99
29) 2,4-Dichlorophenol	7.963	162	731221	50.451	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	762780	46.498	ng	100
31) Naphthalene	8.134	128	2532438	46.748	ng	100
32) Benzoic acid	7.875	122	519106	49.142	ng	97
33) 4-Chloroaniline	8.175	127	424042	21.637	ng	100
34) Hexachlorobutadiene	8.251	225	460560	47.623	ng	99
35) Caprolactam	8.545	113	239445m	48.596	ng	
36) 4-Chloro-3-methylphenol	8.657	107	782151	48.593	ng	98
37) 2-Methylnaphthalene	8.822	142	1677486	48.404	ng	99
38) 1-Methylnaphthalene	8.922	142	1554362	45.637	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	734191	48.334	ng	99
41) Hexachlorocyclopentadiene	8.975	237	891051	177.014	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	528857	52.312	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	524378	50.693	ng	99
46) 1,1'-Biphenyl	9.286	154	2025360	47.907	ng	100
47) 2-Chloronaphthalene	9.310	162	1530113	46.666	ng	100
48) 2-Nitroaniline	9.404	65	478338	55.014	ng	96
49) Acenaphthylene	9.728	152	2386655	50.564	ng	100
50) Dimethylphthalate	9.586	163	1811270	49.873	ng	100
51) 2,6-Dinitrotoluene	9.645	165	386684	51.889	ng	99
52) Acenaphthene	9.898	154	1703903	53.397	ng	99
53) 3-Nitroaniline	9.810	138	243895	31.486	ng	# 96
54) 2,4-Dinitrophenol	9.922	184	346999	103.511	ng	# 1
55) Dibenzofuran	10.069	168	2164238	48.261	ng	100
56) 4-Nitrophenol	9.969	139	687448	110.657	ng	99
57) 2,4-Dinitrotoluene	10.051	165	527679	57.263	ng	97
58) Fluorene	10.416	166	1647245	47.369	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	466322	54.432	ng	98
60) Diethylphthalate	10.286	149	1758261	49.039	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	802445	47.956	ng	99
62) 4-Nitroaniline	10.428	138	415682	51.404	ng	94
63) Azobenzene	10.569	77	1817459	48.294	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	240736	62.897	ng	98
66) n-Nitrosodiphenylamine	10.528	169	1500926	52.494	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	529630	53.958	ng	96
68) Hexachlorobenzene	10.957	284	567796	52.461	ng	97
69) Atrazine	11.051	200	512817	64.200	ng	99
70) Pentachlorophenol	11.151	266	716578	106.339	ng	100
71) Phenanthrene	11.374	178	2479684	51.889	ng	100
72) Anthracene	11.427	178	2506325	53.523	ng	100
73) Carbazole	11.580	167	2202555	48.929	ng	100
74) Di-n-butylphthalate	11.916	149	2609386	50.964	ng	100
75) Fluoranthene	12.563	202	2498957	48.215	ng	99
77) Benzidine	12.680	184	632772	53.617	ng	99
78) Pyrene	12.792	202	2501956	51.229	ng	100
80) Butylbenzylphthalate	13.410	149	923506	51.785	ng	98
81) Benzo(a)anthracene	13.980	228	1858862	47.763	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	364562	31.178	ng	99
83) Chrysene	14.016	228	1729507	49.296	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1112282	48.083	ng	100
85) Di-n-octyl phthalate	14.592	149	1788198	53.410	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	2096765	59.126	ng	98
88) Benzo(b)fluoranthene	15.021	252	1773682	45.181	ng	99
89) Benzo(k)fluoranthene	15.057	252	1547501	50.295	ng	99
90) Benzo(a)pyrene	15.386	252	1609175	52.811	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	1677644	58.360	ng	99
92) Benzo(g,h,i)perylene	17.351	276	1612399	54.080	ng	98

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

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