

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132228.D
 Acq On : 31 Jan 2023 00:36
 Operator : CG\JU
 Sample : 01318-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DR-1-012523MS

Quant Time: Jan 31 02:32:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	194916	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	661212	20.000	ng	0.00
39) Acenaphthene-d10	10.136	164	291016	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	494472	20.000	ng	0.00
76) Chrysene-d12	14.295	240	316605	20.000	ng	0.00
86) Perylene-d12	15.889	264	264159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1012179	86.400	ng	0.01
7) Phenol-d6	6.695	99	1365563	92.965	ng	0.00
23) Nitrobenzene-d5	7.648	82	843111	66.755	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	201418	74.744	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1335036	67.502	ng	0.00
79) Terphenyl-d14	13.224	244	1229033	60.989	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.066	88	227045	38.506	ng	98
3) Pyridine	3.807	79	586137	36.194	ng	96
4) n-Nitrosodimethylamine	3.766	42	210528	38.844	ng	88
6) Aniline	6.743	93	539695	26.238	ng	99
8) 2-Chlorophenol	6.866	128	559295	47.613	ng	96
9) Benzaldehyde	6.637	77	417188	55.069	ng	94
10) Phenol	6.713	94	679919	44.463	ng	91
11) bis(2-Chloroethyl)ether	6.813	93	576075	43.673	ng	95
12) 1,3-Dichlorobenzene	7.025	146	606230	46.424	ng	99
13) 1,4-Dichlorobenzene	7.101	146	607067	46.631	ng	100
14) 1,2-Dichlorobenzene	7.254	146	578171	47.807	ng	98
15) Benzyl Alcohol	7.219	79	464015	42.990	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.354	45	614857	41.047	ng	97
17) 2-Methylphenol	7.319	107	435845	40.808	ng	99
18) Hexachloroethane	7.601	117	209131	43.718	ng	# 89
19) n-Nitroso-di-n-propyla...	7.490	70	359646	40.679	ng	94
20) 3+4-Methylphenols	7.472	107	557898	41.562	ng	91
22) Acetophenone	7.490	105	732300	45.296	ng	97
24) Nitrobenzene	7.666	77	554391	42.457	ng	94
25) Isophorone	7.901	82	1021024	42.036	ng	97
26) 2-Nitrophenol	7.978	139	255029	48.065	ng	98
27) 2,4-Dimethylphenol	8.007	122	471061	46.377	ng	99
28) bis(2-Chloroethoxy)met...	8.107	93	659216	44.082	ng	100
29) 2,4-Dichlorophenol	8.219	162	415869	43.849	ng	99
30) 1,2,4-Trichlorobenzene	8.307	180	486495	44.651	ng	99
31) Naphthalene	8.395	128	1415490	43.266	ng	100
32) Benzoic acid	8.084	122	190760	31.055	ng	98
33) 4-Chloroaniline	8.431	127	286062	20.170	ng	99
34) Hexachlorobutadiene	8.507	225	308853	45.379	ng	99
35) Caprolactam	8.801	113	125894	46.882	ng	87
36) 4-Chloro-3-methylphenol	8.907	107	392799	40.444	ng	97
37) 2-Methylnaphthalene	9.084	142	905337	40.332	ng	100
38) 1-Methylnaphthalene	9.184	142	827402	39.735	ng	100
40) 1,2,4,5-Tetrachloroben...	9.248	216	468173	47.937	ng	99
41) Hexachlorocyclopentadiene	9.236	237	33321	6.717	ng	96
43) 2,4,6-Trichlorophenol	9.354	196	285856	47.969	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	284271	40.734	ng	99
46) 1,1'-Biphenyl	9.548	154	1058040	47.177	ng	99
47) 2-Chloronaphthalene	9.578	162	814664	46.802	ng	97
48) 2-Nitroaniline	9.666	65	216687	46.352	ng	92
49) Acenaphthylene	9.995	152	1195748	44.213	ng	100
50) Dimethylphthalate	9.842	163	950941	48.148	ng	99
51) 2,6-Dinitrotoluene	9.907	165	196878	46.922	ng	87
52) Acenaphthene	10.172	154	719825	43.289	ng	98
53) 3-Nitroaniline	10.078	138	178576	38.462	ng	95
54) 2,4-Dinitrophenol	10.178	184	34818	21.528	ng	# 1
55) Dibenzofuran	10.342	168	1074611	43.138	ng	97
56) 4-Nitrophenol	10.225	139	288919	86.130	ng	100
57) 2,4-Dinitrotoluene	10.313	165	239450	46.355	ng	# 85
58) Fluorene	10.689	166	819122	43.049	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.454	232	219356	44.237	ng	98
60) Diethylphthalate	10.542	149	891719	46.318	ng	99
61) 4-Chlorophenyl-phenyle...	10.672	204	437212	43.558	ng	96
62) 4-Nitroaniline	10.695	138	172750	39.655	ng	93
63) Azobenzene	10.836	77	815932	40.159	ng	95
65) 4,6-Dinitro-2-methylph...	10.719	198	30726	15.999	ng	98
66) n-Nitrosodiphenylamine	10.789	169	704500	45.371	ng	100
67) 4-Bromophenyl-phenylether	11.166	248	256565	45.071	ng	94
68) Hexachlorobenzene	11.236	284	259917	46.080	ng	95
69) Atrazine	11.313	200	233027	52.287	ng	99
70) Pentachlorophenol	11.430	266	288049	77.372	ng	99
71) Phenanthrene	11.660	178	1535837	61.055	ng	99
72) Anthracene	11.713	178	1218825	47.582	ng	99
73) Carbazole	11.860	167	1050146	47.723	ng	99
74) Di-n-butylphthalate	12.183	149	1255788	50.163	ng	99
75) Fluoranthene	12.860	202	1909334	74.599	ng	98
77) Benzidine	12.972	184	368959	44.647	ng	99
78) Pyrene	13.095	202	1895774	63.907	ng	100
80) Butylbenzylphthalate	13.695	149	517665	51.736	ng	97
81) Benzo(a)anthracene	14.289	228	1280922	57.542	ng	99
82) 3,3'-Dichlorobenzidine	14.242	252	284528	47.166	ng	99
83) Chrysene	14.324	228	1182096	56.982	ng	99
84) Bis(2-ethylhexyl)phtha...	14.254	149	705431	54.517	ng	99
85) Di-n-octyl phthalate	14.895	149	1072770	55.229	ng	96
87) Indeno(1,2,3-cd)pyrene	17.554	276	819081	46.898	ng	96
88) Benzo(b)fluoranthene	15.413	252	1050385	64.743	ng	99
89) Benzo(k)fluoranthene	15.442	252	908793	54.287	ng	97
90) Benzo(a)pyrene	15.824	252	868374	56.714	ng	98
91) Dibenzo(a,h)anthracene	17.571	278	600540	42.056	ng	98
92) Benzo(g,h,i)perylene	18.059	276	661958	45.467	ng	98

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

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