

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141043.D
 Acq On : 30 Dec 2024 20:44
 Operator : RC/JU
 Sample : P5391-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-12272024MSD

Quant Time: Dec 31 00:16:42 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	251864	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	968357	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	473704	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	653428	20.000	ng	0.00
76) Chrysene-d12	13.986	240	486352	20.000	ng	0.00
86) Perylene-d12	15.445	264	510837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1709725	102.325	ng	0.01
7) Phenol-d6	6.451	99	2165381	100.601	ng	0.00
23) Nitrobenzene-d5	7.392	82	1328696	87.785	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	499422	108.499	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2231287	75.046	ng	0.00
79) Terphenyl-d14	12.933	244	1760881	60.138	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	311208	41.140	ng	99
3) Pyridine	3.375	79	815113	44.092	ng	99
4) n-Nitrosodimethylamine	3.322	42	434820	46.422	ng	100
6) Aniline	6.492	93	854396	44.507	ng	99
8) 2-Chlorophenol	6.610	128	874795	49.658	ng	98
9) Benzaldehyde	6.375	77	153741	7.987	ng	97
10) Phenol	6.469	94	1109030	49.829	ng	98
11) bis(2-Chloroethyl)ether	6.563	93	830632	46.221	ng	98
12) 1,3-Dichlorobenzene	6.769	146	900289	46.308	ng	99
13) 1,4-Dichlorobenzene	6.845	146	907741	46.317	ng	99
14) 1,2-Dichlorobenzene	6.998	146	869557	47.587	ng	99
15) Benzyl Alcohol	6.969	79	747528	48.329	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1274777	46.906	ng	99
17) 2-Methylphenol	7.081	107	693690	47.399	ng	99
18) Hexachloroethane	7.339	117	330542	47.477	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	595672	45.173	ng	98
20) 3+4-Methylphenols	7.234	107	848047	45.790	ng	# 80
22) Acetophenone	7.239	105	1104241	46.484	ng	98
24) Nitrobenzene	7.410	77	889686	52.605	ng	96
25) Isophorone	7.651	82	1593385	48.378	ng	99
26) 2-Nitrophenol	7.728	139	431720	60.710	ng	99
27) 2,4-Dimethylphenol	7.763	122	693208	57.589	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	979033	46.916	ng	99
29) 2,4-Dichlorophenol	7.963	162	680679	49.859	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	708539	45.854	ng	99
31) Naphthalene	8.133	128	2341324	45.884	ng	100
32) Benzoic acid	7.875	122	558603	55.046	ng	99
33) 4-Chloroaniline	8.175	127	339933	18.415	ng	99
34) Hexachlorobutadiene	8.251	225	431883	47.411	ng	99
35) Caprolactam	8.545	113	227840m	49.092	ng	
36) 4-Chloro-3-methylphenol	8.651	107	711146	46.905	ng	100
37) 2-Methylnaphthalene	8.822	142	1519026	46.534	ng	100
38) 1-Methylnaphthalene	8.922	142	1412535	44.030	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	674544	51.760	ng	99
41) Hexachlorocyclopentadiene	8.975	237	518957	120.165	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	468412	54.004	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	457853	51.591	ng	99
46) 1,1'-Biphenyl	9.286	154	1812901	49.982	ng	99
47) 2-Chloronaphthalene	9.310	162	1359433	48.325	ng	99
48) 2-Nitroaniline	9.404	65	422695	56.524	ng	93
49) Acenaphthylene	9.722	152	2054474	50.733	ng	99
50) Dimethylphthalate	9.586	163	1594214	51.164	ng	100
51) 2,6-Dinitrotoluene	9.645	165	351508	54.761	ng	94
52) Acenaphthene	9.898	154	1482662	54.157	ng	99
53) 3-Nitroaniline	9.810	138	268920	39.533	ng #	93
54) 2,4-Dinitrophenol	9.916	184	301294	104.324	ng #	1
55) Dibenzofuran	10.069	168	1849682	48.076	ng	99
56) 4-Nitrophenol	9.969	139	524371	98.382	ng	95
57) 2,4-Dinitrotoluene	10.045	165	441740	55.984	ng	95
58) Fluorene	10.410	166	1364952	45.750	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	368380	50.119	ng	99
60) Diethylphthalate	10.286	149	1500089	48.766	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	667924	46.526	ng	98
62) 4-Nitroaniline	10.422	138	308973	44.981	ng	94
63) Azobenzene	10.563	77	1558274	48.263	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	199141	70.902	ng	95
66) n-Nitrosodiphenylamine	10.522	169	1222234	59.400	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	412680	58.423	ng	97
68) Hexachlorobenzene	10.957	284	419203	53.821	ng	99
69) Atrazine	11.045	200	388881	67.651	ng	99
70) Pentachlorophenol	11.145	266	511358	105.448	ng	100
71) Phenanthrene	11.374	178	2044645	59.454	ng	100
72) Anthracene	11.422	178	1880265	55.797	ng	99
73) Carbazole	11.574	167	1566829	48.367	ng	100
74) Di-n-butylphthalate	11.910	149	1954480	53.044	ng	100
75) Fluoranthene	12.557	202	1986910	53.270	ng	99
77) Benzidine	12.680	184	627012	61.002	ng	100
78) Pyrene	12.786	202	1974387	46.418	ng	100
80) Butylbenzylphthalate	13.410	149	719562	46.328	ng	99
81) Benzo(a)anthracene	13.974	228	1714133	50.571	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	481637	47.294	ng	99
83) Chrysene	14.010	228	1633606	53.463	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	938869	46.601	ng	100
85) Di-n-octyl phthalate	14.592	149	1777160	60.946	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	1459327	45.343	ng	97
88) Benzo(b)fluoranthene	15.021	252	1888147	52.996	ng	99
89) Benzo(k)fluoranthene	15.051	252	1408108	50.427	ng	99
90) Benzo(a)pyrene	15.386	252	1531936	55.397	ng	98
91) Dibenzo(a,h)anthracene	16.921	278	1195307	45.817	ng	98
92) Benzo(g,h,i)perylene	17.339	276	1044416	38.598	ng	98

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

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