

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
 Data File : BF141662.D
 Acq On : 18 Feb 2025 15:31
 Operator : RC/JU
 Sample : Q1373-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB27161MS

Quant Time: Feb 18 15:53:10 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	6.781	152	78261	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	303735	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	156984	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	251071	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	143845	20.000	ng	-0.02
86) Perylene-d12	15.380	264	167825	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	680725	136.364	ng	0.01
7) Phenol-d6	6.434	99	778393	123.370	ng	0.00
23) Nitrobenzene-d5	7.351	82	574684	98.686	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	219997	139.506	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1036194	101.692	ng	-0.01
79) Terphenyl-d14	12.886	244	822747	96.558	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	87194	43.398	ng	# 79
3) Pyridine	3.381	79	163807	34.262	ng	96
4) n-Nitrosodimethylamine	3.328	42	251234	79.360	ng	# 72
6) Aniline	6.451	93	75125	12.693	ng	# 1
8) 2-Chlorophenol	6.575	128	239961	44.487	ng	99
9) Benzaldehyde	6.334	77	54250	16.180	ng	95
10) Phenol	6.445	94	272874	41.553	ng	81
11) bis(2-Chloroethyl)ether	6.522	93	234821	47.607	ng	98
12) 1,3-Dichlorobenzene	6.722	146	237297	41.671	ng	98
13) 1,4-Dichlorobenzene	6.798	146	242659	41.707	ng	99
14) 1,2-Dichlorobenzene	6.951	146	230672	42.717	ng	99
15) Benzyl Alcohol	6.934	79	362027	74.824	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	342416	40.554	ng	59
17) 2-Methylphenol	7.051	107	189509	44.895	ng	95
18) Hexachloroethane	7.292	117	89102	41.380	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	164535	43.596	ng	99
20) 3+4-Methylphenols	7.210	107	863383	160.946	ng	# 57
22) Acetophenone	7.192	105	388859	51.467	ng	# 96
24) Nitrobenzene	7.369	77	247528	43.591	ng	98
25) Isophorone	7.610	82	439662	47.351	ng	98
26) 2-Nitrophenol	7.686	139	127296	45.058	ng	94
27) 2,4-Dimethylphenol	7.728	122	211285	64.018	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	269558	45.306	ng	100
29) 2,4-Dichlorophenol	7.933	162	201498	45.186	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	209391	43.120	ng	99
31) Naphthalene	8.086	128	688112	43.522	ng	100
32) Benzoic acid	7.886	122	244566	71.341	ng	100
33) 4-Chloroaniline	8.163	127	39712	7.194	ng	99
34) Hexachlorobutadiene	8.198	225	124860	42.830	ng	99
35) Caprolactam	8.545	113	59541	43.854	ng	96
36) 4-Chloro-3-methylphenol	8.633	107	221989	44.941	ng	100
37) 2-Methylnaphthalene	8.775	142	437317	42.506	ng	100
38) 1-Methylnaphthalene	8.875	142	428147	42.967	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	234499	51.632	ng	98
41) Hexachlorocyclopentadiene	8.928	237	217618	144.059	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	137741	46.924	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	151380	47.585	ng	99
46) 1,1'-Biphenyl	9.239	154	630249	51.784	ng	99
47) 2-Chloronaphthalene	9.263	162	423991	47.111	ng	100
48) 2-Nitroaniline	9.369	65	137910	45.660	ng	95
49) Acenaphthylene	9.680	152	653260	48.801	ng	100
50) Dimethylphthalate	9.539	163	493173	46.276	ng	99
51) 2,6-Dinitrotoluene	9.610	165	109455	46.982	ng	96
52) Acenaphthene	9.851	154	414422	46.050	ng	99
53) 3-Nitroaniline	9.780	138	47855	19.085	ng	100
54) 2,4-Dinitrophenol	9.892	184	128680	92.934	ng	93
55) Dibenzofuran	10.022	168	590150	44.676	ng	100
56) 4-Nitrophenol	9.957	139	150069	80.621	ng	99
57) 2,4-Dinitrotoluene	10.010	165	147539	47.571	ng	99
58) Fluorene	10.363	166	468036	45.825	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	124761	45.552	ng	97
60) Diethylphthalate	10.239	149	461362	44.000	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	223112	45.407	ng	99
62) 4-Nitroaniline	10.392	138	100741	39.566	ng	98
63) Azobenzene	10.516	77	438176	42.036	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	80476	46.143	ng	94
66) n-Nitrosodiphenylamine	10.480	169	397362	49.441	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	135616	48.330	ng	98
68) Hexachlorobenzene	10.916	284	142669	49.376	ng	98
69) Atrazine	11.010	200	123908	51.390	ng	99
70) Pentachlorophenol	11.116	266	161847	87.599	ng	99
71) Phenanthrene	11.327	178	654982	47.393	ng	100
72) Anthracene	11.380	178	676069	48.663	ng	99
73) Carbazole	11.539	167	541491	43.317	ng	99
74) Di-n-butylphthalate	11.863	149	629183	43.590	ng	100
75) Fluoranthene	12.516	202	564214	38.507	ng	99
77) Benzidine	12.645	184	25860	8.152	ng	96
78) Pyrene	12.739	202	551085	45.005	ng	99
80) Butylbenzylphthalate	13.357	149	185219	43.670	ng	99
81) Benzo(a)anthracene	13.927	228	465878	48.722	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	95662	34.925	ng	98
83) Chrysene	13.968	228	400562	45.369	ng	99
84) Bis(2-ethylhexyl)phtha...	13.915	149	219611	45.909	ng	100
85) Di-n-octyl phthalate	14.527	149	392477	57.513	ng	98
87) Indeno(1,2,3-cd)pyrene	16.815	276	466968	45.032	ng	100
88) Benzo(b)fluoranthene	14.968	252	490077	43.490	ng	100
89) Benzo(k)fluoranthene	14.992	252	440289	45.757	ng	99
90) Benzo(a)pyrene	15.321	252	453761	49.764	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	383450	45.635	ng	99
92) Benzo(g,h,i)perylene	17.245	276	338510	38.498	ng	99

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

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