

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
 Data File : BF141054.D
 Acq On : 31 Dec 2024 13:09
 Operator : RC/JU
 Sample : P5398-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 341-349MS

Quant Time: Dec 31 13:35:40 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	231983	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	899901	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	448717	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	609963	20.000	ng	0.00
76) Chrysene-d12	13.986	240	489637	20.000	ng	0.00
86) Perylene-d12	15.445	264	436357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1140600	74.114	ng	0.01
7) Phenol-d6	6.451	99	1419314	71.591	ng	0.00
23) Nitrobenzene-d5	7.393	82	881335	62.658	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	336419	77.157	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1560253	55.399	ng	0.00
79) Terphenyl-d14	12.927	244	1273263	43.193	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	303779	43.600	ng	98
3) Pyridine	3.375	79	795037	46.691	ng	98
4) n-Nitrosodimethylamine	3.322	42	407857	47.275	ng	99
6) Aniline	6.493	93	753403	42.610	ng	99
8) 2-Chlorophenol	6.610	128	834743	51.446	ng	98
9) Benzaldehyde	6.375	77	142831	8.147	ng	97
10) Phenol	6.469	94	1047330	51.089	ng	100
11) bis(2-Chloroethyl)ether	6.563	93	789685	47.708	ng	98
12) 1,3-Dichlorobenzene	6.769	146	851433	47.548	ng	99
13) 1,4-Dichlorobenzene	6.846	146	857063	47.478	ng	100
14) 1,2-Dichlorobenzene	6.998	146	823072	48.903	ng	99
15) Benzyl Alcohol	6.969	79	715330	50.210	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1212855	48.452	ng	99
17) 2-Methylphenol	7.081	107	659758	48.944	ng	99
18) Hexachloroethane	7.345	117	317161	49.459	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	568242	46.785	ng	98
20) 3+4-Methylphenols	7.234	107	804221	47.145	ng	# 81
22) Acetophenone	7.240	105	1044104	47.296	ng	98
24) Nitrobenzene	7.410	77	844991	53.763	ng	95
25) Isophorone	7.651	82	1548729	50.599	ng	100
26) 2-Nitrophenol	7.728	139	421009	63.446	ng	98
27) 2,4-Dimethylphenol	7.763	122	660277	59.026	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	944332	48.695	ng	99
29) 2,4-Dichlorophenol	7.963	162	650979	51.311	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	674376	46.963	ng	99
31) Naphthalene	8.134	128	2253555	47.524	ng	100
32) Benzoic acid	7.875	122	520249	55.150	ng	97
33) 4-Chloroaniline	8.175	127	320443	18.679	ng	99
34) Hexachlorobutadiene	8.251	225	416754	49.230	ng	99
35) Caprolactam	8.545	113	216202m	50.128	ng	
36) 4-Chloro-3-methylphenol	8.657	107	684939	48.613	ng	98
37) 2-Methylnaphthalene	8.822	142	1461252	48.169	ng	100
38) 1-Methylnaphthalene	8.922	142	1353169	45.388	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	661559	53.590	ng	99
41) Hexachlorocyclopentadiene	8.975	237	545350	133.308	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	455257	55.410	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	446056	53.060	ng	99
46) 1,1'-Biphenyl	9.287	154	1769941	51.515	ng	100
47) 2-Chloronaphthalene	9.310	162	1310572	49.183	ng	99
48) 2-Nitroaniline	9.404	65	417615	58.755	ng	93
49) Acenaphthylene	9.728	152	1986431	51.784	ng	100
50) Dimethylphthalate	9.586	163	1576425	53.411	ng	100
51) 2,6-Dinitrotoluene	9.645	165	340853	55.971	ng	95
52) Acenaphthene	9.898	154	1401770	54.054	ng	99
53) 3-Nitroaniline	9.810	138	256199	39.742	ng	# 93
54) 2,4-Dinitrophenol	9.916	184	271932	101.078	ng	# 1
55) Dibenzofuran	10.069	168	1768095	48.514	ng	99
56) 4-Nitrophenol	9.969	139	503257	99.679	ng	94
57) 2,4-Dinitrotoluene	10.045	165	432207	57.678	ng	96
58) Fluorene	10.410	166	1288587	45.596	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	359038	51.569	ng	97
60) Diethylphthalate	10.286	149	1465873	50.307	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	651006	47.873	ng	98
62) 4-Nitroaniline	10.422	138	284238	43.781	ng	94
63) Azobenzene	10.563	77	1573251	51.440	ng	96
65) 4,6-Dinitro-2-methylph...	10.451	198	181596	69.479	ng	96
66) n-Nitrosodiphenylamine	10.522	169	1179832	61.425	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	403257	61.157	ng	98
68) Hexachlorobenzene	10.957	284	407937	56.107	ng	99
69) Atrazine	11.051	200	375485	69.975	ng	100
70) Pentachlorophenol	11.151	266	488061	107.816	ng	99
71) Phenanthrene	11.375	178	1747304	54.428	ng	100
72) Anthracene	11.422	178	1763875	56.073	ng	99
73) Carbazole	11.575	167	1492558	49.357	ng	100
74) Di-n-butylphthalate	11.910	149	1881936	54.715	ng	100
75) Fluoranthene	12.557	202	1799157	51.674	ng	99
77) Benzidine	12.680	184	619470	59.864	ng	99
78) Pyrene	12.786	202	1848227	43.160	ng	100
80) Butylbenzylphthalate	13.410	149	731002	46.749	ng	100
81) Benzo(a)anthracene	13.974	228	1758837	51.541	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	461749	45.037	ng	99
83) Chrysene	14.016	228	1565163	50.879	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	955978	47.132	ng	99
85) Di-n-octyl phthalate	14.586	149	1798691	61.270	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1261588	45.890	ng	97
88) Benzo(b)fluoranthene	15.021	252	1803285	59.254	ng	99
89) Benzo(k)fluoranthene	15.051	252	1334863	55.963	ng	99
90) Benzo(a)pyrene	15.386	252	1408440	59.625	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	1004607	45.080	ng	99
92) Benzo(g,h,i)perylene	17.339	276	914037	39.546	ng	98

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

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