

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138068.D
 Acq On : 30 May 2024 11:31
 Operator : CG\JU
 Sample : PB161191BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161191BS

Quant Time: May 30 11:59:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	97757	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	381684	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	216137	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	352961	20.000	ng	0.00
76) Chrysene-d12	14.233	240	192241	20.000	ng	0.00
86) Perylene-d12	15.798	264	196468	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	692727	120.370	ng	0.01
7) Phenol-d6	6.663	99	827737	116.760	ng	0.00
23) Nitrobenzene-d5	7.604	82	512669	79.047	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	313984	144.075	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1159021	82.602	ng	0.00
79) Terphenyl-d14	13.169	244	1114297	85.427	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.046	88	78408	31.450	ng	95
3) Pyridine	3.793	79	191694	34.268	ng	95
4) n-Nitrosodimethylamine	3.751	42	96540	39.120	ng	94
6) Aniline	6.698	93	198066m	31.237	ng	
8) 2-Chlorophenol	6.822	128	279986	44.956	ng	98
9) Benzaldehyde	6.592	77	192666	50.233	ng	99
10) Phenol	6.675	94	302196	42.232	ng	98
11) bis(2-Chloroethyl)ether	6.769	93	231367	42.112	ng	97
12) 1,3-Dichlorobenzene	6.981	146	296639	41.166	ng	98
13) 1,4-Dichlorobenzene	7.057	146	303863	42.011	ng	99
14) 1,2-Dichlorobenzene	7.204	146	290574	42.685	ng	99
15) Benzyl Alcohol	7.175	79	217499	45.945	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.298	45	263058	38.951	ng	96
17) 2-Methylphenol	7.281	107	213252	42.935	ng	98
18) Hexachloroethane	7.551	117	102612	41.924	ng	95
19) n-Nitroso-di-n-propyla...	7.445	70	169918	42.662	ng	97
20) 3+4-Methylphenols	7.434	107	274115m	42.127	ng	
22) Acetophenone	7.445	105	372266	43.538	ng	# 99
24) Nitrobenzene	7.622	77	258034	39.218	ng	98
25) Isophorone	7.857	82	479764	42.622	ng	96
26) 2-Nitrophenol	7.934	139	154685	46.789	ng	97
27) 2,4-Dimethylphenol	7.963	122	196179	46.091	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	288356	42.268	ng	100
29) 2,4-Dichlorophenol	8.175	162	236779	44.238	ng	98
30) 1,2,4-Trichlorobenzene	8.257	180	252147	42.193	ng	100
31) Naphthalene	8.345	128	807210	42.061	ng	100
32) Benzoic acid	8.086	122	156147	43.398	ng	99
33) 4-Chloroaniline	8.386	127	125837	20.002	ng	99
34) Hexachlorobutadiene	8.451	225	161987	42.824	ng	99
35) Caprolactam	8.769	113	70329m	45.354	ng	
36) 4-Chloro-3-methylphenol	8.863	107	242684	44.572	ng	96
37) 2-Methylnaphthalene	9.033	142	537524	43.574	ng	98
38) 1-Methylnaphthalene	9.139	142	494081	40.740	ng	98
40) 1,2,4,5-Tetrachloroben...	9.204	216	264323	44.984	ng	99
41) Hexachlorocyclopentadiene	9.186	237	253827	113.686	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	175029	45.430	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.357	196	186589	44.262	ng	98
46) 1,1'-Biphenyl	9.504	154	666257	43.950	ng	98
47) 2-Chloronaphthalene	9.528	162	509231	42.080	ng	97
48) 2-Nitroaniline	9.622	65	132621	42.797	ng	96
49) Acenaphthylene	9.951	152	802909	46.144	ng	98
50) Dimethylphthalate	9.798	163	613297	45.250	ng	99
51) 2,6-Dinitrotoluene	9.863	165	136607	43.915	ng	99
52) Acenaphthene	10.122	154	542382m	47.162	ng	
53) 3-Nitroaniline	10.039	138	94697	31.139	ng	90
54) 2,4-Dinitrophenol	10.145	184	139439	82.714	ng	84
55) Dibenzofuran	10.292	168	731353	43.696	ng	98
56) 4-Nitrophenol	10.192	139	185337	84.854	ng	96
57) 2,4-Dinitrotoluene	10.275	165	181191	45.056	ng	97
58) Fluorene	10.639	166	574973	43.432	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.410	232	154939	46.786	ng	98
60) Diethylphthalate	10.498	149	574190	45.361	ng	99
61) 4-Chlorophenyl-phenyle...	10.627	204	290453	44.490	ng	92
62) 4-Nitroaniline	10.657	138	114337	39.640	ng	98
63) Azobenzene	10.786	77	489249	42.493	ng	100
65) 4,6-Dinitro-2-methylph...	10.680	198	102186	50.140	ng	93
66) n-Nitrosodiphenylamine	10.745	169	492138	45.466	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	180288	46.593	ng	97
68) Hexachlorobenzene	11.186	284	200549	46.887	ng	97
69) Atrazine	11.269	200	166104	56.197	ng	99
70) Pentachlorophenol	11.380	266	219093	87.446	ng	97
71) Phenanthrene	11.610	178	770403	44.292	ng	100
72) Anthracene	11.663	178	790268	45.792	ng	99
73) Carbazole	11.810	167	676932	42.940	ng	99
74) Di-n-butylphthalate	12.127	149	806174	46.079	ng	100
75) Fluoranthene	12.804	202	739191	41.869	ng	98
77) Benzidine	12.916	184	52841	21.032	ng	98
78) Pyrene	13.033	202	725112	43.125	ng	100
80) Butylbenzylphthalate	13.633	149	248114	48.922	ng	98
81) Benzo(a)anthracene	14.221	228	553305	45.493	ng	99
82) 3,3'-Dichlorobenzidine	14.180	252	130059	38.587	ng	99
83) Chrysene	14.263	228	531343	45.680	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	309576	48.558	ng	100
85) Di-n-octyl phthalate	14.815	149	536559	62.298	ng	97
87) Indeno(1,2,3-cd)pyrene	17.439	276	610709	48.383	ng	97
88) Benzo(b)fluoranthene	15.327	252	524874	46.140	ng	99
89) Benzo(k)fluoranthene	15.362	252	517259	46.285	ng	99
90) Benzo(a)pyrene	15.733	252	480698	49.487	ng	98
91) Dibenzo(a,h)anthracene	17.462	278	498203	47.771	ng	97
92) Benzo(g,h,i)perylene	17.939	276	477238	43.561	ng	98

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

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