

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012425\
 Data File : BG063955.D
 Acq On : 24 Jan 2025 13:47
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Quant Time: Jan 27 14:57:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:52:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	72703	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	325383	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	202308	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	459453	20.000	ng	0.00
76) Chrysene-d12	21.560	240	499520	20.000	ng	0.00
86) Perylene-d12	24.650	264	509897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	103214	19.589	ng	0.00
7) Phenol-d6	7.106	99	137036	19.256	ng	-0.01
23) Nitrobenzene-d5	9.104	82	85955	15.734	ng	-0.01
42) 2,4,6-Tribromophenol	16.054	330	37832	18.307	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	300582	20.998	ng	0.00
79) Terphenyl-d14	19.932	244	539652	21.590	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.475	88	23750	10.166	ng	93
3) Pyridine	3.863	79	61278	9.572	ng	96
4) n-Nitrosodimethylamine	3.774	42	36120	9.917	ng	# 90
6) Aniline	7.276	93	59151	10.029	ng	95
8) 2-Chlorophenol	7.517	128	53004	9.581	ng	95
9) Benzaldehyde	7.094	77	47646	11.356	ng	94
10) Phenol	7.135	94	72882	9.696	ng	97
11) bis(2-Chloroethyl)ether	7.376	93	57872	9.838	ng	98
12) 1,3-Dichlorobenzene	7.846	146	61226	10.252	ng	98
13) 1,4-Dichlorobenzene	7.993	146	60372	9.974	ng	96
14) 1,2-Dichlorobenzene	8.304	146	59198	10.065	ng	94
15) Benzyl Alcohol	8.181	79	52777	9.993	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.475	45	109301	10.054	ng	97
17) 2-Methylphenol	8.387	107	47977	9.803	ng	98
18) Hexachloroethane	9.039	117	20870	9.886	ng	94
19) n-Nitroso-di-n-propyla...	8.751	70	50184	10.462	ng	# 98
20) 3+4-Methylphenols	8.710	107	66399	9.951	ng	95
22) Acetophenone	8.769	105	93529	9.977	ng	99
24) Nitrobenzene	9.145	77	51980	8.431	ng	98
25) Isophorone	9.668	82	128796	9.732	ng	99
26) 2-Nitrophenol	9.861	139	10554	9.147	ng	94
27) 2,4-Dimethylphenol	9.914	122	37777	9.849	ng	95
28) bis(2-Chloroethoxy)met...	10.155	93	80287	9.917	ng	100
29) 2,4-Dichlorophenol	10.384	162	45728	9.456	ng	97
30) 1,2,4-Trichlorobenzene	10.608	180	57954	9.737	ng	99
31) Naphthalene	10.796	128	184025	9.850	ng	97
32) Benzoic acid	9.979	122	22778m	7.055	ng	
33) 4-Chloroaniline	10.896	127	63504	9.595	ng	91
34) Hexachlorobutadiene	11.089	225	38484	9.930	ng	98
35) Caprolactam	11.630	113	17977	9.588	ng	# 90
36) 4-Chloro-3-methylphenol	12.012	107	58773	9.461	ng	95
37) 2-Methylnaphthalene	12.400	142	124841	9.937	ng	96
38) 1-Methylnaphthalene	12.617	142	126743	10.077	ng	96
40) 1,2,4,5-Tetrachloroben...	12.764	216	63475	10.084	ng	98
41) Hexachlorocyclopentadiene	12.752	237	10653	8.249	ng	86
43) 2,4,6-Trichlorophenol	12.999	196	34765	9.070	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.064	196	42198	9.552	ng	96
46) 1,1'-Biphenyl	13.404	154	164566	10.039	ng	98
47) 2-Chloronaphthalene	13.446	162	126281	10.025	ng	100
48) 2-Nitroaniline	13.639	65	21347	10.143	ng	92
49) Acenaphthylene	14.292	152	184101	10.138	ng	98
50) Dimethylphthalate	14.027	163	151915	9.923	ng	99
51) 2,6-Dinitrotoluene	14.133	165	15512	9.675	ng	# 82
52) Acenaphthene	14.632	154	124829	9.982	ng	98
53) 3-Nitroaniline	14.462	138	18947	9.118	ng	# 89
54) 2,4-Dinitrophenol	14.668	184	3673	11.526	ng	90
55) Dibenzofuran	14.967	168	195497	10.225	ng	97
56) 4-Nitrophenol	14.756	139	15450	10.467	ng	98
57) 2,4-Dinitrotoluene	14.920	165	18417	10.117	ng	# 93
58) Fluorene	15.619	166	162172	10.446	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.191	232	33824	9.112	ng	98
60) Diethylphthalate	15.396	149	166557	10.176	ng	98
61) 4-Chlorophenyl-phenyle...	15.614	204	78668	10.323	ng	96
62) 4-Nitroaniline	15.619	138	21242	9.168	ng	98
63) Azobenzene	15.907	77	178822	10.159	ng	98
65) 4,6-Dinitro-2-methylph...	15.684	198	6682	9.861	ng	87
66) n-Nitrosodiphenylamine	15.825	169	137420	10.090	ng	95
67) 4-Bromophenyl-phenylether	16.507	248	47393	9.940	ng	95
68) Hexachlorobenzene	16.618	284	54746	9.699	ng	# 92
69) Atrazine	16.771	200	22387	11.375	ng	99
70) Pentachlorophenol	16.959	266	25405	7.685	ng	95
71) Phenanthrene	17.353	178	261813	10.256	ng	99
72) Anthracene	17.447	178	251976	10.064	ng	99
73) Carbazole	17.705	167	247557	9.962	ng	98
74) Di-n-butylphthalate	18.287	149	291123	9.955	ng	100
75) Fluoranthene	19.362	202	317371	9.937	ng	99
77) Benzidine	19.544	184	81980	9.397	ng	# 93
78) Pyrene	19.721	202	338555	10.130	ng	99
80) Butylbenzylphthalate	20.631	149	111437	9.036	ng	100
81) Benzo(a)anthracene	21.542	228	345023	10.073	ng	98
82) 3,3'-Dichlorobenzidine	21.460	252	107857	9.756	ng	96
83) Chrysene	21.601	228	331130	10.006	ng	98
84) Bis(2-ethylhexyl)phtha...	21.483	149	188097	9.517	ng	99
85) Di-n-octyl phthalate	22.664	149	299426	9.221	ng	99
87) Indeno(1,2,3-cd)pyrene	28.140	276	332601	9.330	ng	93
88) Benzo(b)fluoranthene	23.675	252	318016	9.674	ng	99
89) Benzo(k)fluoranthene	23.739	252	325644	9.968	ng	100
90) Benzo(a)pyrene	24.503	252	279638	9.693	ng	99
91) Dibenzo(a,h)anthracene	28.211	278	282684	9.516	ng	99
92) Benzo(g,h,i)perylene	29.227	276	279983	9.396	ng	96

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

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