

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
 Data File : BG056174.D
 Acq On : 30 Dec 2022 17:13
 Operator : CG/JU
 Sample : N6242-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

MM-4MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut

Upadhyay

01/03/2023

Supervised By :Yogesh

Patel

01/03/2023

Quant Time: Dec 31 00:18:58 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 28 05:20:14 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	79305	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	280872	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	239346	20.000	ng	0.00
64) Phenanthrene-d10	17.679	188	647592	20.000	ng	0.00
76) Chrysene-d12	21.980	240	643770	20.000	ng	0.00
86) Perylene-d12	25.435	264	719296	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	371365	83.610	ng	0.00
7) Phenol-d6	7.473	99	521803	76.499	ng	0.00
23) Nitrobenzene-d5	9.512	82	268376	48.876	ng	0.00
42) 2,4,6-Tribromophenol	16.422	330	247637	81.694	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	873051	50.370	ng	0.00
79) Terphenyl-d14	20.252	244	1847383	51.397	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.678	88	49558	24.428	ng	# 97
3) Pyridine	4.089	79	129293	20.924	ng	# 96
4) n-Nitrosodimethylamine	4.001	42	30907	24.589	ng	# 88
6) Aniline	7.650	93	158392	17.707	ng	95
8) 2-Chlorophenol	7.896	128	122972	27.822	ng	92
9) Benzaldehyde	7.462	77	72707	17.927	ng	97
10) Phenol	7.503	94	184622	26.689	ng	93
11) bis(2-Chloroethyl)ether	7.738	93	109486	23.355	ng	95
12) 1,3-Dichlorobenzene	8.225	146	144315	26.828	ng	95
13) 1,4-Dichlorobenzene	8.372	146	145123	26.866	ng	99
14) 1,2-Dichlorobenzene	8.695	146	141353	27.120	ng	97
15) Benzyl Alcohol	8.566	79	116356	23.438	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.854	45	18730	22.610	ng	90
17) 2-Methylphenol	8.766	107	123021	24.236	ng	99
18) Hexachloroethane	9.436	117	42285	25.768	ng	94
19) n-Nitroso-di-n-propyla...	9.142	70	86237	20.791	ng	99
20) 3+4-Methylphenols	9.095	107	168815	23.656	ng	94
22) Acetophenone	9.165	105	201246	25.340	ng	# 99
24) Nitrobenzene	9.553	77	131706	24.204	ng	99
25) Isophorone	10.076	82	258970	22.416	ng	# 94
26) 2-Nitrophenol	10.270	139	75132	26.985	ng	97
27) 2,4-Dimethylphenol	10.311	122	139784	27.527	ng	98
28) bis(2-Chloroethoxy)met...	10.552	93	146689	24.429	ng	98
29) 2,4-Dichlorophenol	10.805	162	159713	28.448	ng	99
30) 1,2,4-Trichlorobenzene	11.028	180	171760	26.960	ng	98
31) Naphthalene	11.222	128	373053	25.237	ng	98
32) Benzoic acid	10.429	122	91892m	24.389	ng	
33) 4-Chloroaniline	11.316	127	87703	12.427	ng	97
34) Hexachlorobutadiene	11.492	225	123334	26.916	ng	94
35) Caprolactam	12.080	113	48595m	25.566	ng	
36) 4-Chloro-3-methylphenol	12.409	107	149420	26.229	ng	99
37) 2-Methylnaphthalene	12.797	142	299054	23.960	ng	100
38) 1-Methylnaphthalene	13.014	142	279383	24.105	ng	96
40) 1,2,4,5-Tetrachloroben...	13.155	216	232436	25.911	ng	98
41) Hexachlorocyclopentadiene	13.137	237	325319	63.609	ng	96
43) 2,4,6-Trichlorophenol	13.384	196	161996	27.310	ng	98

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44) 2,4,5-Trichlorophenol	13.460	196	178209	25.397	ng	97
46) 1,1'-Biphenyl	13.784	154	442692	25.826	ng	98
47) 2-Chloronaphthalene	13.836	162	351175	25.956	ng	100
48) 2-Nitroaniline	14.024	65	72671	25.209	ng	97
49) Acenaphthylene	14.671	152	546881	24.839	ng	100
50) Dimethylphthalate	14.383	163	481949	24.944	ng	99
51) 2,6-Dinitrotoluene	14.506	165	104959	25.494	ng	96
52) Acenaphthene	15.012	154	399194	27.877	ng	99
53) 3-Nitroaniline	14.841	138	60310	15.392	ng	98
54) 2,4-Dinitrophenol	15.041	184	142968	48.609	ng	95
55) Dibenzofuran	15.341	168	590365	24.913	ng	99
56) 4-Nitrophenol	15.129	139	165389	54.883	ng	97
57) 2,4-Dinitrotoluene	15.294	165	151616	26.332	ng	90
58) Fluorene	15.987	166	472511	24.791	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.558	232	181313	27.520	ng	97
60) Diethylphthalate	15.734	149	439804	24.272	ng	98
61) 4-Chlorophenyl-phenyle...	15.969	204	297030	24.972	ng	100
62) 4-Nitroaniline	15.999	138	100337	24.999	ng	98
63) Azobenzene	16.257	77	333085	23.821	ng	98
65) 4,6-Dinitro-2-methylph...	16.052	198	110550	25.338	ng	97
66) n-Nitrosodiphenylamine	16.181	169	446995	24.878	ng	96
67) 4-Bromophenyl-phenylether	16.862	248	203871	24.722	ng	99
68) Hexachlorobenzene	16.986	284	206294	26.813	ng	99
69) Atrazine	17.115	200	199200	26.751	ng	98
70) Pentachlorophenol	17.326	266	285907	48.376	ng	98
71) Phenanthrene	17.726	178	839855	25.025	ng	98
72) Anthracene	17.814	178	869908	25.128	ng	100
73) Carbazole	18.079	167	748255	25.713	ng	98
74) Di-n-butylphthalate	18.607	149	748154	25.791	ng	99
75) Fluoranthene	19.712	202	1089095	24.879	ng	100
77) Benzidine	19.876	184	462143	20.485	ng	98
78) Pyrene	20.070	202	1100799	24.260	ng	100
80) Butylbenzylphthalate	20.934	149	321417	24.690	ng	97
81) Benzo(a)anthracene	21.956	228	1118378	24.734	ng	99
82) 3,3'-Dichlorobenzidine	21.856	252	244164	15.001	ng	98
83) Chrysene	22.027	228	1032109	24.368	ng	99
84) Bis(2-ethylhexyl)phtha...	21.827	149	460684	24.563	ng	100
85) Di-n-octyl phthalate	23.114	149	791801	25.008	ng	100
87) Indeno(1,2,3-cd)pyrene	29.412	276	1328514	25.396	ng	# 99
88) Benzo(b)fluoranthene	24.330	252	1182426	25.873	ng	99
89) Benzo(k)fluoranthene	24.401	252	1128492	24.797	ng	99
90) Benzo(a)pyrene	25.270	252	1041924	23.375	ng	100
91) Dibenzo(a,h)anthracene	29.489	278	1104059	25.173	ng	98
92) Benzo(g,h,i)perylene	30.664	276	1058044	24.877	ng	99

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

