

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122722\
 Data File : BG056131.D
 Acq On : 27 Dec 2022 18:21
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/28/2022
 Supervised By : Jagrut Upadhyay 12/28/2022

Quant Time: Dec 28 04:55:19 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 04:51:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	46474	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	182515	20.000	ng	# 0.00
39) Acenaphthene-d10	14.947	164	153441	20.000	ng	0.00
64) Phenanthrene-d10	17.679	188	401484	20.000	ng	0.00
76) Chrysene-d12	21.980	240	375034	20.000	ng	0.00
86) Perylene-d12	25.429	264	414943	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.852	112	262085	132.254	ng	0.00
7) Phenol-d6	7.473	99	401691	157.605	ng	0.00
23) Nitrobenzene-d5	9.512	82	351834	134.712	ng	0.00
42) 2,4,6-Tribromophenol	16.422	330	199169	53.831	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	1139867	104.186	ng	0.00
79) Terphenyl-d14	20.253	244	2072627	97.675	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.678	88	58297m	101.086	ng	
3) Pyridine	4.095	79	185820	97.908	ng	98
4) n-Nitrosodimethylamine	4.007	42	38486	22.558	ng	93
6) Aniline	7.650	93	258834	84.821	ng	98
8) 2-Chlorophenol	7.896	128	130031	50.860	ng	95
9) Benzaldehyde	7.462	77	115837	72.368	ng	94
10) Phenol	7.497	94	204038	73.147	ng	97
11) bis(2-Chloroethyl)ether	7.744	93	134961	74.278	ng	95
12) 1,3-Dichlorobenzene	8.226	146	157209	47.535	ng	97
13) 1,4-Dichlorobenzene	8.372	146	158222	46.813	ng	97
14) 1,2-Dichlorobenzene	8.701	146	153518	47.527	ng	98
15) Benzyl Alcohol	8.572	79	147320	55.628	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.860	45	23320	9.861	ng	95
17) 2-Methylphenol	8.766	107	148134	67.496	ng	98
18) Hexachloroethane	9.436	117	48775	47.541	ng	96
19) n-Nitroso-di-n-propyla...	9.142	70	122075	66.821	ng	98
20) 3+4-Methylphenols	9.095	107	212007	67.692	ng	97
22) Acetophenone	9.166	105	257545	56.923	ng	# 99
24) Nitrobenzene	9.553	77	176491	67.136	ng	97
25) Isophorone	10.076	82	371460	67.827	ng	97
26) 2-Nitrophenol	10.270	139	91375	58.715	ng	97
27) 2,4-Dimethylphenol	10.311	122	162664	62.237	ng	97
28) bis(2-Chloroethoxy)met...	10.552	93	193351	79.882	ng	99
29) 2,4-Dichlorophenol	10.805	162	188331	50.768	ng	99
30) 1,2,4-Trichlorobenzene	11.028	180	208686	43.275	ng	99
31) Naphthalene	11.222	128	481464	49.994	ng	100
32) Benzoic acid	10.446	122	131189	65.067	ng	95
33) 4-Chloroaniline	11.316	127	228789	55.418	ng	95
34) Hexachlorobutadiene	11.498	225	147102	32.447	ng	98
35) Caprolactam	12.092	113	59131	57.210	ng	90
36) 4-Chloro-3-methylphenol	12.409	107	188549	54.204	ng	98
37) 2-Methylnaphthalene	12.803	142	405300	47.636	ng	99
38) 1-Methylnaphthalene	13.014	142	378011	45.605	ng	94
40) 1,2,4,5-Tetrachloroben...	13.161	216	297719	45.987	ng	99
41) Hexachlorocyclopentadiene	13.137	237	181117	49.314	ng	97
43) 2,4,6-Trichlorophenol	13.390	196	202160	52.752	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.461	196	236330	54.706	ng	98
46) 1,1'-Biphenyl	13.790	154	561061	53.945	ng	98
47) 2-Chloronaphthalene	13.837	162	444725	52.624	ng	99
48) 2-Nitroaniline	14.025	65	96826	68.494	ng	96
49) Acenaphthylene	14.677	152	726071	53.826	ng	98
50) Dimethylphthalate	14.389	163	624100	47.045	ng	99
51) 2,6-Dinitrotoluene	14.512	165	135707	66.106	ng	97
52) Acenaphthene	15.012	154	476869	52.659	ng	100
53) 3-Nitroaniline	14.841	138	130227	62.366	ng	98
54) 2,4-Dinitrophenol	15.041	184	100323	65.736	ng	97
55) Dibenzofuran	15.341	168	773297	50.780	ng	97
56) 4-Nitrophenol	15.129	139	96654	57.763	ng	96
57) 2,4-Dinitrotoluene	15.294	165	191093	61.668	ng	93
58) Fluorene	15.987	166	616167	49.497	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.558	232	218395	44.252	ng	97
60) Diethylphthalate	15.734	149	584090	45.047	ng	99
61) 4-Chlorophenyl-phenyle...	15.969	204	390989	46.106	ng	100
62) 4-Nitroaniline	15.999	138	127676	56.146	ng	98
63) Azobenzene	16.263	77	451432	57.202	ng	98
65) 4,6-Dinitro-2-methylph...	16.052	198	141711	73.889	ng	99
66) n-Nitrosodiphenylamine	16.181	169	569834	54.161	ng	97
67) 4-Bromophenyl-phenylether	16.862	248	262333	44.592	ng	97
68) Hexachlorobenzene	16.986	284	242611	33.481	ng	99
69) Atrazine	17.115	200	230407	48.366	ng	96
70) Pentachlorophenol	17.321	266	193724	46.763	ng	96
71) Phenanthrene	17.726	178	1043172	49.581	ng	98
72) Anthracene	17.814	178	1070715	51.439	ng	99
73) Carbazole	18.079	167	889951	51.840	ng	99
74) Di-n-butylphthalate	18.607	149	901336	45.146	ng	99
75) Fluoranthene	19.712	202	1335754	45.338	ng	99
77) Benzidine	19.877	184	654402	99.359	ng	100
78) Pyrene	20.070	202	1330044	58.609	ng	99
80) Butylbenzylphthalate	20.934	149	391769	60.923	ng	98
81) Benzo(a)anthracene	21.956	228	1335265	50.597	ng	99
82) 3,3'-Dichlorobenzidine	21.857	252	480481	50.604	ng	96
83) Chrysene	22.027	228	1250278	50.550	ng	98
84) Bis(2-ethylhexyl)phtha...	21.821	149	563504	58.982	ng	98
85) Di-n-octyl phthalate	23.114	149	944637	58.289	ng	100
87) Indeno(1,2,3-cd)pyrene	29.418	276	1500813	44.979	ng	# 98
88) Benzo(b)fluoranthene	24.324	252	1325082	49.343	ng	98
89) Benzo(k)fluoranthene	24.401	252	1332321	49.726	ng	99
90) Benzo(a)pyrene	25.270	252	1305182	57.498	ng	99
91) Dibenzo(a,h)anthracene	29.483	278	1242993	44.507	ng	99
92) Benzo(g,h,i)perylene	30.676	276	1212852	44.917	ng	98

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

