

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
 Data File : BG052590.D
 Acq On : 7 Mar 2022 14:15
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2022
 Supervised By : Jagrut Upadhyay 03/08/2022

Quant Time: Mar 07 14:52:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 07 13:13:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	36882	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	137999	20.000	ng	# 0.00
39) Acenaphthene-d10	14.869	164	96454	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	229988	20.000	ng	0.00
76) Chrysene-d12	21.935	240	211302	20.000	ng	# 0.00
86) Perylene-d12	25.401	264	227396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.752	112	312610	147.724	ng	0.00
7) Phenol-d6	7.373	99	451024	138.133	ng	0.00
23) Nitrobenzene-d5	9.400	82	459982	144.866	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	219875	158.672	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	1044586	150.485	ng	0.00
79) Terphenyl-d14	20.214	244	1723862	144.064	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.584	88	69775	71.607	ng	# 87
3) Pyridine	3.995	79	197496m	69.883	ng	
4) n-Nitrosodimethylamine	3.901	42	91913	62.986	ng	# 70
6) Aniline	7.537	93	260614	68.702	ng	97
8) 2-Chlorophenol	7.784	128	166917	71.701	ng	92
10) Phenol	7.402	94	218148	67.242	ng	96
11) bis(2-Chloroethyl)ether	7.625	93	166615	67.190	ng	94
12) 1,3-Dichlorobenzene	8.113	146	192099	72.424	ng	95
13) 1,4-Dichlorobenzene	8.260	146	196445	72.651	ng	96
14) 1,2-Dichlorobenzene	8.583	146	185758	69.658	ng	93
15) Benzyl Alcohol	8.460	79	181585	67.008	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.753	45	223663	62.461	ng	96
17) 2-Methylphenol	8.665	107	148963	69.584	ng	94
18) Hexachloroethane	9.323	117	67959	72.281	ng	95
19) n-Nitroso-di-n-propyla...	9.035	70	155288	63.085	ng	90
20) 3+4-Methylphenols	9.000	107	207162	67.640	ng	96
22) Acetophenone	9.053	105	270860	74.265	ng	# 92
24) Nitrobenzene	9.441	77	216767	71.969	ng	# 90
25) Isophorone	9.969	82	393159	72.772	ng	97
26) 2-Nitrophenol	10.157	139	105400	82.561	ng	# 86
27) 2,4-Dimethylphenol	10.210	122	144799	76.607	ng	94
28) bis(2-Chloroethoxy)met...	10.445	93	229538	74.863	ng	99
29) 2,4-Dichlorophenol	10.710	162	178576	78.820	ng	99
30) 1,2,4-Trichlorobenzene	10.921	180	206566	78.080	ng	99
31) Naphthalene	11.109	128	546929	75.600	ng	98
32) Benzoic acid	10.398	122	90810	81.799	ng	96
33) 4-Chloroaniline	11.215	127	233862	77.427	ng	96
34) Hexachlorobutadiene	11.397	225	137578	77.002	ng	97
35) Caprolactam	12.008	113	62501	75.699	ng	# 85
36) 4-Chloro-3-methylphenol	12.331	107	196128	76.092	ng	98
37) 2-Methylnaphthalene	12.707	142	407508	75.838	ng	98
38) 1-Methylnaphthalene	12.924	142	390482	74.994	ng	99
40) 1,2,4,5-Tetrachloroben...	13.071	216	243862	76.867	ng	99
41) Hexachlorocyclopentadiene	13.048	237	120491	89.953	ng	97
43) 2,4,6-Trichlorophenol	13.306	196	165823	79.920	ng	97
44) 2,4,5-Trichlorophenol	13.388	196	176145	78.338	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.700	154	543568	76.853	ng	99
47) 2-Chloronaphthalene	13.752	162	425644	78.113	ng	99
48) 2-Nitroaniline	13.946	65	145283	74.889	ng	92
49) Acenaphthylene	14.592	152	674427	76.032	ng	100
50) Dimethylphthalate	14.311	163	558387	75.571	ng	99
51) 2,6-Dinitrotoluene	14.434	165	126301	79.212	ng	# 87
52) Acenaphthene	14.933	154	455283m	78.372	ng	
53) 3-Nitroaniline	14.769	138	131566	79.384	ng	97
54) 2,4-Dinitrophenol	14.980	184	78680	91.009	ng	90
55) Dibenzofuran	15.268	168	679523	74.380	ng	99
56) 4-Nitrophenol	15.080	139	98011	78.747	ng	# 80
57) 2,4-Dinitrotoluene	15.227	165	178784	78.780	ng	# 84
58) Fluorene	15.914	166	549582	75.356	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.491	232	166690	77.602	ng	96
60) Diethylphthalate	15.668	149	564603	75.642	ng	96
61) 4-Chlorophenyl-phenyle...	15.897	204	314697	75.750	ng	98
62) 4-Nitroaniline	15.938	138	134200	76.916	ng	88
63) Azobenzene	16.190	77	548060	71.725	ng	93
65) 4,6-Dinitro-2-methylph...	15.991	198	121404	87.749	ng	92
66) n-Nitrosodiphenylamine	16.114	169	492822	77.772	ng	98
67) 4-Bromophenyl-phenylether	16.795	248	217438	77.743	ng	96
68) Hexachlorobenzene	16.930	284	231945	76.461	ng	# 92
69) Atrazine	17.054	200	166483	64.984	ng	93
70) Pentachlorophenol	17.271	266	123941	83.514	ng	98
71) Phenanthrene	17.659	178	881387	74.341	ng	97
72) Anthracene	17.753	178	869550	74.844	ng	99
73) Carbazole	18.017	167	858128	75.731	ng	99
74) Di-n-butylphthalate	18.558	149	955824	77.420	ng	97
75) Fluoranthene	19.662	202	1085618	71.911	ng	97
77) Benzidine	19.832	184	302990	67.107	ng	97
78) Pyrene	20.026	202	1078958	76.311	ng	99
80) Butylbenzylphthalate	20.890	149	417931	85.095	ng	95
81) Benzo(a)anthracene	21.912	228	1088308	77.833	ng	99
82) 3,3'-Dichlorobenzidine	21.818	252	391370	80.176	ng	99
83) Chrysene	21.988	228	1021160	77.068	ng	99
84) Bis(2-ethylhexyl)phtha...	21.789	149	587764	86.307	ng	97
85) Di-n-octyl phthalate	23.081	149	986799	86.426	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.408	276	1297588	77.979	ng	# 98
88) Benzo(b)fluoranthene	24.297	252	1102697	77.817	ng	99
89) Benzo(k)fluoranthene	24.373	252	1073384	76.679	ng	98
90) Benzo(a)pyrene	25.243	252	935139	78.123	ng	99
91) Dibenzo(a,h)anthracene	29.478	278	1055198	76.762	ng	# 97
92) Benzo(g,h,i)perylene	30.677	276	1049778	77.816	ng	97

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

