

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020722\
 Data File : BG052308.D
 Acq On : 7 Feb 2022 16:58
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/10/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

Quant Time: Feb 07 17:34:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:36:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	33797	20.000	ng	0.01
21) Naphthalene-d8	11.074	136	136796	20.000	ng	0.00
39) Acenaphthene-d10	14.881	164	96489	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	227863	20.000	ng	0.00
76) Chrysene-d12	21.948	240	210656	20.000	ng	0.00
86) Perylene-d12	25.408	264	223091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	289881	135.823	ng	0.01
7) Phenol-d6	7.385	99	446583	139.519	ng	0.01
23) Nitrobenzene-d5	9.418	82	475120	133.698	ng	0.02
42) 2,4,6-Tribromophenol	16.367	330	221151	151.950	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	1041600	144.827	ng	0.01
79) Terphenyl-d14	20.221	244	1691981	137.148	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.584	88	63643	62.584	ng	91
3) Pyridine	3.996	79	197246m	65.978	ng	
4) n-Nitrosodimethylamine	3.907	42	98051	58.531	ng	# 77
6) Aniline	7.550	93	259997	69.716	ng	99
8) 2-Chlorophenol	7.802	128	158468	72.055	ng	91
10) Phenol	7.415	94	220822	70.403	ng	96
11) bis(2-Chloroethyl)ether	7.644	93	161766	68.162	ng	95
12) 1,3-Dichlorobenzene	8.125	146	178733	69.849	ng	97
13) 1,4-Dichlorobenzene	8.272	146	180855	71.363	ng	100
14) 1,2-Dichlorobenzene	8.601	146	174197	70.044	ng	94
15) Benzyl Alcohol	8.472	79	188395	70.705	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.766	45	225903	59.541	ng	96
17) 2-Methylphenol	8.677	107	148960	71.438	ng	94
18) Hexachloroethane	9.341	117	62871	69.099	ng	97
19) n-Nitroso-di-n-propyla...	9.048	70	161932	66.308	ng	95
20) 3+4-Methylphenols	9.012	107	210184	72.202	ng	95
22) Acetophenone	9.065	105	274603	71.245	ng	# 97
24) Nitrobenzene	9.459	77	226690	67.434	ng	94
25) Isophorone	9.987	82	408352	68.711	ng	98
26) 2-Nitrophenol	10.175	139	101926	79.087	ng	91
27) 2,4-Dimethylphenol	10.228	122	144482	73.571	ng	94
28) bis(2-Chloroethoxy)met...	10.457	93	227627	68.517	ng	98
29) 2,4-Dichlorophenol	10.716	162	175241	76.284	ng	99
30) 1,2,4-Trichlorobenzene	10.933	180	202366	73.698	ng	97
31) Naphthalene	11.127	128	543458	73.396	ng	96
32) Benzoic acid	10.405	122	104064	70.667	ng	99
33) 4-Chloroaniline	11.227	127	234841	73.341	ng	97
34) Hexachlorobutadiene	11.415	225	130590	67.513	ng	98
35) Caprolactam	12.008	113	63556m	68.777	ng	
36) 4-Chloro-3-methylphenol	12.343	107	201899	73.036	ng	94
37) 2-Methylnaphthalene	12.719	142	402747	72.492	ng	99
38) 1-Methylnaphthalene	12.936	142	390505	72.989	ng	98
40) 1,2,4,5-Tetrachloroben...	13.083	216	246446	75.707	ng	98
41) Hexachlorocyclopentadiene	13.066	237	125075	64.917	ng	93
43) 2,4,6-Trichlorophenol	13.318	196	170480	77.046	ng	95
44) 2,4,5-Trichlorophenol	13.395	196	180224	74.968	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.718	154	546206	74.863	ng	100
47) 2-Chloronaphthalene	13.765	162	418717	73.467	ng	98
48) 2-Nitroaniline	13.959	65	155052	70.354	ng	97
49) Acenaphthylene	14.605	152	680962	74.575	ng	99
50) Dimethylphthalate	14.323	163	563744	70.898	ng	100
51) 2,6-Dinitrotoluene	14.446	165	125381	74.774	ng	92
52) Acenaphthene	14.945	154	462400m	76.544	ng	
53) 3-Nitroaniline	14.775	138	130684	71.764	ng	96
54) 2,4-Dinitrophenol	14.981	184	79430	80.763	ng	97
55) Dibenzofuran	15.280	168	684185	71.978	ng	99
56) 4-Nitrophenol	15.086	139	104294	72.096	ng	# 86
57) 2,4-Dinitrotoluene	15.233	165	180883	75.550	ng	# 88
58) Fluorene	15.927	166	555300	71.557	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.504	232	171063	72.920	ng	99
60) Diethylphthalate	15.680	149	571986	69.015	ng	97
61) 4-Chlorophenyl-phenyle...	15.909	204	316871	71.822	ng	97
62) 4-Nitroaniline	15.944	138	133192	68.761	ng	90
63) Azobenzene	16.203	77	570892	65.437	ng	96
65) 4,6-Dinitro-2-methylph...	16.003	198	121133	83.145	ng	90
66) n-Nitrosodiphenylamine	16.120	169	487534	76.300	ng	98
67) 4-Bromophenyl-phenylether	16.802	248	219332	80.054	ng	98
68) Hexachlorobenzene	16.937	284	231133	78.636	ng	96
69) Atrazine	17.066	200	182665	65.713	ng	94
70) Pentachlorophenol	17.278	266	131596	78.761	ng	99
71) Phenanthrene	17.671	178	878115	73.664	ng	98
72) Anthracene	17.759	178	863648	74.216	ng	99
73) Carbazole	18.030	167	833769	71.594	ng	99
74) Di-n-butylphthalate	18.564	149	916986	70.328	ng	98
75) Fluoranthene	19.668	202	1077262	69.095	ng	96
77) Benzidine	19.839	184	351950	57.817	ng	97
78) Pyrene	20.033	202	1061018	73.407	ng	98
80) Butylbenzylphthalate	20.902	149	401873	77.945	ng	94
81) Benzo(a)anthracene	21.924	228	1061425	73.402	ng	98
82) 3,3'-Dichlorobenzidine	21.824	252	387030	73.386	ng	99
83) Chrysene	21.995	228	993397	72.952	ng	98
84) Bis(2-ethylhexyl)phtha...	21.801	149	566804	78.222	ng	98
85) Di-n-octyl phthalate	23.099	149	950310	77.996	ng	96
87) Indeno(1,2,3-cd)pyrene	29.438	276	1284738	79.530	ng	# 97
88) Benzo(b)fluoranthene	24.309	252	1091138	77.434	ng	99
89) Benzo(k)fluoranthene	24.386	252	1046027	75.020	ng	96
90) Benzo(a)pyrene	25.255	252	919076	76.795	ng	100
91) Dibenzo(a,h)anthracene	29.502	278	1042261	78.016	ng	99
92) Benzo(g,h,i)perylene	30.695	276	1034504	78.935	ng	96

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

