

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
 Data File : BG052589.D
 Acq On : 7 Mar 2022 13:36
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

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

Quant Time: Mar 07 14:12:20 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	8.217	152	35312	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	131125	20.000	ng	# 0.00
39) Acenaphthene-d10	14.867	164	94515	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	229380	20.000	ng	0.00
76) Chrysene-d12	21.934	240	219667	20.000	ng	0.00
86) Perylene-d12	25.394	264	234764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	231493	114.256	ng	0.00
7) Phenol-d6	7.371	99	332352	106.314	ng	0.00
23) Nitrobenzene-d5	9.398	82	335736	111.279	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	167076	123.044	ng	0.00
45) 2-Fluorobiphenyl	13.486	172	767735	112.870	ng	0.00
79) Terphenyl-d14	20.212	244	1390595	111.787	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.582	88	52199	55.951	ng	# 90
3) Pyridine	3.993	79	146057	53.980	ng	93
4) n-Nitrosodimethylamine	3.899	42	67792	48.522	ng	# 75
6) Aniline	7.535	93	189927	52.294	ng	97
8) 2-Chlorophenol	7.782	128	121173	54.365	ng	93
9) Benzaldehyde	7.342	77	84212m	43.882	ng	
10) Phenol	7.400	94	161856	52.109	ng	97
11) bis(2-Chloroethyl)ether	7.624	93	121951	51.365	ng	94
12) 1,3-Dichlorobenzene	8.111	146	142381	56.066	ng	94
13) 1,4-Dichlorobenzene	8.258	146	143529	55.441	ng	97
14) 1,2-Dichlorobenzene	8.581	146	137109	53.701	ng	94
15) Benzyl Alcohol	8.458	79	132402	51.031	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.746	45	163978	47.829	ng	95
17) 2-Methylphenol	8.663	107	108776	53.071	ng	94
18) Hexachloroethane	9.321	117	50405	55.994	ng	95
19) n-Nitroso-di-n-propyla...	9.027	70	110066	46.702	ng	# 93
20) 3+4-Methylphenols	8.998	107	153134	52.222	ng	96
22) Acetophenone	9.051	105	197297	56.931	ng	# 92
24) Nitrobenzene	9.439	77	159987	55.902	ng	# 91
25) Isophorone	9.962	82	287154	55.937	ng	99
26) 2-Nitrophenol	10.155	139	76139	62.767	ng	# 86
27) 2,4-Dimethylphenol	10.214	122	106339	59.209	ng	86
28) bis(2-Chloroethoxy)met...	10.443	93	167622	57.535	ng	99
29) 2,4-Dichlorophenol	10.702	162	126209	58.627	ng	100
30) 1,2,4-Trichlorobenzene	10.919	180	149812	59.596	ng	97
31) Naphthalene	11.113	128	398197	57.927	ng	96
32) Benzoic acid	10.379	122	55950m	53.040	ng	
33) 4-Chloroaniline	11.213	127	169241	58.969	ng	97
34) Hexachlorobutadiene	11.395	225	98906	58.259	ng	99
35) Caprolactam	11.988	113	47029	59.946	ng	# 84
36) 4-Chloro-3-methylphenol	12.329	107	143220	58.478	ng	99
37) 2-Methylnaphthalene	12.705	142	293893	57.561	ng	98
38) 1-Methylnaphthalene	12.922	142	282358	57.071	ng	97
40) 1,2,4,5-Tetrachloroben...	13.069	216	178399	57.386	ng	99
41) Hexachlorocyclopentadiene	13.051	237	83034	63.261	ng	94
43) 2,4,6-Trichlorophenol	13.304	196	120414	59.225	ng	96

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44) 2,4,5-Trichlorophenol	13.386	196	129426	58.741	ng	96
46) 1,1'-Biphenyl	13.698	154	400711	57.817	ng	100
47) 2-Chloronaphthalene	13.751	162	313089	58.636	ng	98
48) 2-Nitroaniline	13.944	65	107160	56.371	ng	92
49) Acenaphthylene	14.591	152	502513	57.813	ng	99
50) Dimethylphthalate	14.309	163	423009	58.424	ng	98
51) 2,6-Dinitrotoluene	14.432	165	92958	59.496	ng	# 82
52) Acenaphthene	14.931	154	335384m	58.917	ng	
53) 3-Nitroaniline	14.767	138	99664	61.369	ng	93
54) 2,4-Dinitrophenol	14.972	184	58354	68.883	ng	91
55) Dibenzofuran	15.260	168	509793	56.946	ng	99
56) 4-Nitrophenol	15.072	139	73974	60.654	ng	# 81
57) 2,4-Dinitrotoluene	15.219	165	138721	62.381	ng	# 83
58) Fluorene	15.912	166	414459	57.994	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.489	232	123728	58.783	ng	# 97
60) Diethylphthalate	15.666	149	428902	58.641	ng	96
61) 4-Chlorophenyl-phenyle...	15.895	204	232332	57.071	ng	98
62) 4-Nitroaniline	15.930	138	105064	61.452	ng	# 86
63) Azobenzene	16.188	77	416271	55.595	ng	92
65) 4,6-Dinitro-2-methylph...	15.989	198	91975	66.655	ng	91
66) n-Nitrosodiphenylamine	16.112	169	371746	58.820	ng	98
67) 4-Bromophenyl-phenylether	16.793	248	165204	59.223	ng	93
68) Hexachlorobenzene	16.923	284	174913	57.813	ng	95
69) Atrazine	17.052	200	134716	52.724	ng	95
70) Pentachlorophenol	17.269	266	91973	62.138	ng	99
71) Phenanthrene	17.657	178	687259	58.121	ng	98
72) Anthracene	17.751	178	671410	57.943	ng	100
73) Carbazole	18.015	167	663546	58.714	ng	99
74) Di-n-butylphthalate	18.556	149	746187	60.600	ng	98
75) Fluoranthene	19.660	202	869148	57.725	ng	98
77) Benzidine	19.831	184	258125	54.993	ng	99
78) Pyrene	20.024	202	858969	58.438	ng	99
80) Butylbenzylphthalate	20.888	149	328524	64.344	ng	94
81) Benzo(a)anthracene	21.910	228	849158	58.417	ng	99
82) 3,3'-Dichlorobenzidine	21.810	252	308770	60.846	ng	99
83) Chrysene	21.986	228	805336	58.465	ng	100
84) Bis(2-ethylhexyl)phtha...	21.787	149	450720	63.663	ng	97
85) Di-n-octyl phthalate	23.079	149	755075	63.613	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.412	276	1006467	58.585	ng	# 95
88) Benzo(b)fluoranthene	24.295	252	864226	59.074	ng	99
89) Benzo(k)fluoranthene	24.366	252	825765	57.139	ng	98
90) Benzo(a)pyrene	25.235	252	723292	58.528	ng	98
91) Dibenzo(a,h)anthracene	29.470	278	819015	57.711	ng	97
92) Benzo(g,h,i)perylene	30.663	276	815774	58.572	ng	97

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

