

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061322\
 Data File : BG053891.D
 Acq On : 13 Jun 2022 12:53
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/14/2022
 Supervised By : Jagrut Upadhyay 06/14/2022

Quant Time: Jun 13 14:31:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:28:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	23000	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	88029	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	65271	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	163517	20.000	ng	# 0.00
76) Chrysene-d12	21.732	240	180913	20.000	ng	0.00
86) Perylene-d12	24.987	264	193680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	98107	78.330	ng	0.00
7) Phenol-d6	7.237	99	132670	78.197	ng	0.00
23) Nitrobenzene-d5	9.246	82	127894	95.407	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	86213	108.814	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	361775	82.919	ng	0.00
79) Terphenyl-d14	20.057	244	738995	81.263	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.553	88	21299	35.169	ng	100
3) Pyridine	3.946	79	58368	39.761	ng	93
4) n-Nitrosodimethylamine	3.858	42	26093	39.367	ng	# 98
6) Aniline	7.407	93	79237	38.373	ng	98
8) 2-Chlorophenol	7.654	128	52123	40.654	ng	94
9) Benzaldehyde	7.219	77	35874	31.710	ng	83
10) Phenol	7.266	94	68632	39.148	ng	94
11) bis(2-Chloroethyl)ether	7.501	93	50590	36.688	ng	96
12) 1,3-Dichlorobenzene	7.977	146	63397	38.857	ng	90
13) 1,4-Dichlorobenzene	8.124	146	63052	38.000	ng	98
14) 1,2-Dichlorobenzene	8.447	146	62141	39.093	ng	96
15) Benzyl Alcohol	8.318	79	50750	39.963	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.617	45	76302	31.539	ng	97
17) 2-Methylphenol	8.523	107	46571	38.862	ng	# 92
18) Hexachloroethane	9.182	117	21514	39.188	ng	# 76
19) n-Nitroso-di-n-propyla...	8.894	70	44691	37.192	ng	98
20) 3+4-Methylphenols	8.847	107	65482	40.219	ng	94
22) Acetophenone	8.905	105	86454	39.773	ng	# 96
24) Nitrobenzene	9.287	77	62858	46.812	ng	# 89
25) Isophorone	9.810	82	117730	39.184	ng	# 95
26) 2-Nitrophenol	10.004	139	28448	68.222	ng	# 85
27) 2,4-Dimethylphenol	10.057	122	44826	41.501	ng	93
28) bis(2-Chloroethoxy)met...	10.292	93	63320	38.782	ng	99
29) 2,4-Dichlorophenol	10.539	162	60434	46.585	ng	93
30) 1,2,4-Trichlorobenzene	10.762	180	73913	45.016	ng	# 97
31) Naphthalene	10.944	128	179176	39.770	ng	99
32) Benzoic acid	10.204	122	16168m	26.681	ng	
33) 4-Chloroaniline	11.044	127	75764	40.562	ng	# 94
34) Hexachlorobutadiene	11.238	225	57600	49.516	ng	94
35) Caprolactam	11.814	113	17335	46.754	ng	# 86
36) 4-Chloro-3-methylphenol	12.160	107	59665	43.213	ng	89
37) 2-Methylnaphthalene	12.548	142	132960	40.681	ng	96
38) 1-Methylnaphthalene	12.766	142	128332	40.152	ng	99
40) 1,2,4,5-Tetrachloroben...	12.912	216	101960	46.519	ng	# 96
41) Hexachlorocyclopentadiene	12.895	237	48784	43.787	ng	97
43) 2,4,6-Trichlorophenol	13.142	196	59090	49.710	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.218	196	65405	49.452	ng	# 91
46) 1,1'-Biphenyl	13.547	154	184024	39.560	ng	98
47) 2-Chloronaphthalene	13.588	162	149089	41.196	ng	97
48) 2-Nitroaniline	13.782	65	41287	52.691	ng	90
49) Acenaphthylene	14.434	152	232972	40.127	ng	98
50) Dimethylphthalate	14.158	163	200489	41.914	ng	99
51) 2,6-Dinitrotoluene	14.276	165	41787	55.939	ng	# 76
52) Acenaphthene	14.775	154	148389	40.229	ng	99
53) 3-Nitroaniline	14.599	138	41103	51.142	ng	87
54) 2,4-Dinitrophenol	14.810	184	18832	49.939	ng	# 75
55) Dibenzofuran	15.110	168	237035	40.311	ng	93
56) 4-Nitrophenol	14.904	139	29085	43.297	ng	# 80
57) 2,4-Dinitrotoluene	15.063	165	59575	59.150	ng	# 81
58) Fluorene	15.756	166	194192	39.886	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.327	232	63994	48.768	ng	# 92
60) Diethylphthalate	15.521	149	192915	39.822	ng	97
61) 4-Chlorophenyl-phenyle...	15.744	204	115981	44.188	ng	91
62) 4-Nitroaniline	15.762	138	41719	46.098	ng	# 76
63) Azobenzene	16.038	77	154440	34.070	ng	90
65) 4,6-Dinitro-2-methylph...	15.827	198	33817	58.764	ng	81
66) n-Nitrosodiphenylamine	15.956	169	173603	39.925	ng	97
67) 4-Bromophenyl-phenylether	16.637	248	82978	46.705	ng	93
68) Hexachlorobenzene	16.761	284	93905	47.418	ng	94
69) Atrazine	16.902	200	73572	43.215	ng	95
70) Pentachlorophenol	17.102	266	45472	41.020	ng	94
71) Phenanthrene	17.495	178	339561	39.453	ng	99
72) Anthracene	17.583	178	332718	39.499	ng	99
73) Carbazole	17.848	167	284112	37.366	ng	99
74) Di-n-butylphthalate	18.412	149	333539	38.147	ng	# 97
75) Fluoranthene	19.499	202	444632	39.829	ng	97
77) Benzidine	19.675	184	155867	35.233	ng	98
78) Pyrene	19.863	202	449214	39.044	ng	99
80) Butylbenzylphthalate	20.744	149	145884	38.879	ng	88
81) Benzo(a)anthracene	21.708	228	474056	39.470	ng	99
82) 3,3'-Dichlorobenzidine	21.620	252	145679	43.033	ng	# 96
83) Chrysene	21.779	228	449544	39.653	ng	97
84) Bis(2-ethylhexyl)phtha...	21.614	149	208435	38.630	ng	# 95
85) Di-n-octyl phthalate	22.848	149	359497	40.064	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.729	276	594334	41.632	ng	99
88) Benzo(b)fluoranthene	23.958	252	481339	40.031	ng	99
89) Benzo(k)fluoranthene	24.029	252	460861	38.776	ng	97
90) Benzo(a)pyrene	24.840	252	404121	39.740	ng	100
91) Dibenzo(a,h)anthracene	28.794	278	486559	41.245	ng	99
92) Benzo(g,h,i)perylene	29.898	276	481722	41.427	ng	96

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

