

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040822\
 Data File : BG053078.D
 Acq On : 8 Apr 2022 11:10
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/11/2022
 Supervised By : Jagrut Upadhyay 04/11/2022

Quant Time: Apr 08 14:57:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 14:56:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	27454	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	110825	20.000	ng	0.00
39) Acenaphthene-d10	14.746	164	84272	20.000	ng	0.00
64) Phenanthrene-d10	17.490	188	210152	20.000	ng	0.00
76) Chrysene-d12	21.772	240	219778	20.000	ng	0.00
86) Perylene-d12	25.079	264	218962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	33413	21.195	ng	0.00
7) Phenol-d6	7.274	99	50184	21.115	ng	0.00
23) Nitrobenzene-d5	9.283	82	55370	25.076	ng	0.00
42) 2,4,6-Tribromophenol	16.233	330	27623	24.394	ng	0.00
45) 2-Fluorobiphenyl	13.366	172	127657	22.341	ng	0.00
79) Terphenyl-d14	20.092	244	267792	21.675	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.567	88	7489	9.497	ng	# 95
3) Pyridine	3.973	79	19614m	9.703	ng	
4) n-Nitrosodimethylamine	3.885	42	9352	10.429	ng	# 69
6) Aniline	7.439	93	29274	10.505	ng	99
8) 2-Chlorophenol	7.691	128	17935	10.827	ng	98
9) Benzaldehyde	7.256	77	17221	11.797	ng	95
10) Phenol	7.303	94	24854	10.594	ng	86
11) bis(2-Chloroethyl)ether	7.533	93	17745	10.016	ng	96
12) 1,3-Dichlorobenzene	8.014	146	20858	10.458	ng	92
13) 1,4-Dichlorobenzene	8.161	146	20767m	10.363	ng	
14) 1,2-Dichlorobenzene	8.478	146	20879	11.017	ng	93
15) Benzyl Alcohol	8.355	79	21362	10.675	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.637	45	30656	9.936	ng	94
17) 2-Methylphenol	8.561	107	16246	10.388	ng	# 90
18) Hexachloroethane	9.207	117	7821	10.638	ng	88
19) n-Nitroso-di-n-propyla...	8.919	70	18720	11.121	ng	98
20) 3+4-Methylphenols	8.884	107	23846	10.895	ng	93
22) Acetophenone	8.937	105	31189	10.875	ng	# 92
24) Nitrobenzene	9.324	77	27016	12.228	ng	93
25) Isophorone	9.847	82	47520	11.114	ng	97
26) 2-Nitrophenol	10.041	139	11314	14.746	ng	96
27) 2,4-Dimethylphenol	10.094	122	16073	10.240	ng	99
28) bis(2-Chloroethoxy)met...	10.329	93	25880	10.237	ng	99
29) 2,4-Dichlorophenol	10.581	162	20444	11.575	ng	97
30) 1,2,4-Trichlorobenzene	10.799	180	23019	11.048	ng	96
31) Naphthalene	10.987	128	61789	10.782	ng	99
32) Benzoic acid	10.200	122	5668	5.373	ng	# 69
33) 4-Chloroaniline	11.081	127	24574	10.117	ng	96
34) Hexachlorobutadiene	11.275	225	17402	11.649	ng	95
35) Caprolactam	11.827	113	6792	14.083	ng	# 84
36) 4-Chloro-3-methylphenol	12.203	107	22974	11.201	ng	86
37) 2-Methylnaphthalene	12.579	142	44889	10.696	ng	# 95
38) 1-Methylnaphthalene	12.802	142	42314m	10.330	ng	
40) 1,2,4,5-Tetrachloroben...	12.949	216	29508	11.208	ng	99
41) Hexachlorocyclopentadiene	12.931	237	11566	7.411	ng	87
43) 2,4,6-Trichlorophenol	13.184	196	19208	11.392	ng	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.260	196	20647	12.065	ng	97
46) 1,1'-Biphenyl	13.577	154	64434	10.933	ng	97
47) 2-Chloronaphthalene	13.624	162	50147	10.805	ng	95
48) 2-Nitroaniline	13.818	65	18053	14.223	ng	89
49) Acenaphthylene	14.464	152	77855	10.523	ng	97
50) Dimethylphthalate	14.188	163	69542	11.103	ng	98
51) 2,6-Dinitrotoluene	14.306	165	14155	13.386	ng	# 82
52) Acenaphthene	14.811	154	51127m	10.787	ng	
53) 3-Nitroaniline	14.635	138	15647	12.645	ng	98
54) 2,4-Dinitrophenol	14.852	184	7307	12.677	ng	# 85
55) Dibenzofuran	15.140	168	84347	10.897	ng	98
56) 4-Nitrophenol	14.946	139	10852	10.751	ng	# 75
57) 2,4-Dinitrotoluene	15.093	165	20054	13.668	ng	# 77
58) Fluorene	15.786	166	67681	10.727	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.369	232	20775	11.357	ng	98
60) Diethylphthalate	15.545	149	74818	11.317	ng	99
61) 4-Chlorophenyl-phenyle...	15.774	204	37753	10.850	ng	99
62) 4-Nitroaniline	15.792	138	16419	12.558	ng	89
63) Azobenzene	16.068	77	76787	10.867	ng	96
65) 4,6-Dinitro-2-methylph...	15.862	198	13800	14.730	ng	95
66) n-Nitrosodiphenylamine	15.986	169	62491	10.562	ng	97
67) 4-Bromophenyl-phenylether	16.673	248	27134	10.709	ng	97
68) Hexachlorobenzene	16.796	284	29248	10.740	ng	# 89
69) Atrazine	16.932	200	26703	12.240	ng	98
70) Pentachlorophenol	17.143	266	14347	8.492	ng	95
71) Phenanthrene	17.531	178	118245	10.518	ng	98
72) Anthracene	17.619	178	117746	10.594	ng	97
73) Carbazole	17.889	167	113777	10.337	ng	97
74) Di-n-butylphthalate	18.435	149	132260	10.999	ng	99
75) Fluoranthene	19.534	202	154395	10.819	ng	99
77) Benzidine	19.704	184	69060	12.183	ng	97
78) Pyrene	19.898	202	156682	10.277	ng	97
80) Butylbenzylphthalate	20.773	149	57768	10.682	ng	98
81) Benzo(a)anthracene	21.754	228	152051	10.332	ng	98
82) 3,3'-Dichlorobenzidine	21.660	252	56038	10.783	ng	98
83) Chrysene	21.819	228	142527	10.302	ng	98
84) Bis(2-ethylhexyl)phtha...	21.649	149	79143	10.761	ng	98
85) Di-n-octyl phthalate	22.882	149	133801	10.928	ng	97
87) Indeno(1,2,3-cd)pyrene	28.845	276	161427	10.771	ng	# 97
88) Benzo(b)fluoranthene	24.016	252	137991	10.150	ng	98
89) Benzo(k)fluoranthene	24.092	252	138037	10.320	ng	98
90) Benzo(a)pyrene	24.915	252	117759	10.233	ng	99
91) Dibenzo(a,h)anthracene	28.915	278	134065	10.856	ng	# 98
92) Benzo(g,h,i)perylene	30.026	276	133252	10.905	ng	97

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

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