

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
 Data File : BG053792.D
 Acq On : 2 Jun 2022 15:06
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/03/2022
 Supervised By : Jagrut Upadhyay 06/03/2022

Quant Time: Jun 02 17:31:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:26:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	25204	20.000	ng	0.00
21) Naphthalene-d8	10.908	136	94375	20.000	ng	# 0.00
39) Acenaphthene-d10	14.715	164	67036	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	164623	20.000	ng	0.00
76) Chrysene-d12	21.736	240	164911	20.000	ng	# 0.00
86) Perylene-d12	25.003	264	171017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	169714	114.278	ng	0.00
7) Phenol-d6	7.241	99	228108	101.208	ng	0.00
23) Nitrobenzene-d5	9.251	82	200236	90.318	ng	0.00
42) 2,4,6-Tribromophenol	16.201	330	108410	109.649	ng	0.00
45) 2-Fluorobiphenyl	13.346	172	544047	118.594	ng	0.00
79) Terphenyl-d14	20.067	244	1018150	114.988	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.552	88	38439	49.331	ng	92
3) Pyridine	3.951	79	105471m	55.425	ng	
4) n-Nitrosodimethylamine	3.863	42	49785	53.707	ng	# 91
6) Aniline	7.418	93	137260	54.985	ng	99
8) 2-Chlorophenol	7.658	128	86439	55.676	ng	97
10) Phenol	7.271	94	118120	53.585	ng	93
11) bis(2-Chloroethyl)ether	7.506	93	88089	53.582	ng	97
12) 1,3-Dichlorobenzene	7.987	146	106203	57.986	ng	92
13) 1,4-Dichlorobenzene	8.129	146	108421	58.663	ng	98
14) 1,2-Dichlorobenzene	8.452	146	102404	59.004	ng	97
15) Benzyl Alcohol	8.328	79	88135	46.773	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.622	45	155894	58.262	ng	100
17) 2-Methylphenol	8.522	107	79366	53.270	ng	92
18) Hexachloroethane	9.186	117	36170	51.535	ng	# 81
19) n-Nitroso-di-n-propyla...	8.904	70	79094	48.910	ng	91
20) 3+4-Methylphenols	8.851	107	110035	52.293	ng	94
22) Acetophenone	8.916	105	145729	56.420	ng	# 97
24) Nitrobenzene	9.298	77	102391	47.717	ng	# 89
25) Isophorone	9.821	82	204610	54.838	ng	96
27) 2,4-Dimethylphenol	10.062	122	75267	57.547	ng	90
28) bis(2-Chloroethoxy)met...	10.302	93	111707	52.056	ng	98
29) 2,4-Dichlorophenol	10.543	162	95648	60.593	ng	91
30) 1,2,4-Trichlorobenzene	10.767	180	110101	61.389	ng	98
31) Naphthalene	10.955	128	300050	62.502	ng	99
32) Benzoic acid	10.203	122	50721m	72.959	ng	
33) 4-Chloroaniline	11.055	127	127984	63.659	ng	95
34) Hexachlorobutadiene	11.248	225	80020	60.169	ng	95
35) Caprolactam	11.830	113	27331	47.645	ng	91
36) 4-Chloro-3-methylphenol	12.165	107	97294	51.527	ng	88
37) 2-Methylnaphthalene	12.553	142	218408	60.964	ng	96
38) 1-Methylnaphthalene	12.770	142	208931	59.773	ng	98
40) 1,2,4,5-Tetrachloroben...	12.917	216	140228	66.362	ng	97
41) Hexachlorocyclopentadiene	12.905	237	77825	115.898	ng	97
43) 2,4,6-Trichlorophenol	13.146	196	84760	61.451	ng	98
44) 2,4,5-Trichlorophenol	13.223	196	92172	62.788	ng	# 93
46) 1,1'-Biphenyl	13.557	154	292220	63.951	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.599	162	227480	63.541	ng	98
48) 2-Nitroaniline	13.787	65	60786	45.567	ng	95
49) Acenaphthylene	14.439	152	365085	63.907	ng	100
50) Dimethylphthalate	14.168	163	309853	60.826	ng	100
51) 2,6-Dinitrotoluene	14.280	165	55277	53.262	ng	86
52) Acenaphthene	14.780	154	234969	69.016	ng	99
53) 3-Nitroaniline	14.609	138	60995	54.394	ng	93
54) 2,4-Dinitrophenol	14.809	184	26629	47.920	ng	# 86
55) Dibenzofuran	15.114	168	365462	59.763	ng	97
56) 4-Nitrophenol	14.903	139	47604	59.435	ng	# 85
57) 2,4-Dinitrotoluene	15.067	165	76487	50.844	ng	93
58) Fluorene	15.761	166	301383	61.414	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.338	232	92777	62.290	ng	96
60) Diethylphthalate	15.532	149	315384	59.936	ng	98
61) 4-Chlorophenyl-phenyle...	15.755	204	165881	60.577	ng	94
62) 4-Nitroaniline	15.773	138	64585	55.529	ng	# 77
63) Azobenzene	16.049	77	280556	52.067	ng	93
65) 4,6-Dinitro-2-methylph...	15.831	198	39875	40.650	ng	87
66) n-Nitrosodiphenylamine	15.966	169	273040	63.171	ng	98
67) 4-Bromophenyl-phenylether	16.648	248	113286	58.923	ng	98
68) Hexachlorobenzene	16.771	284	126309	59.987	ng	94
69) Atrazine	16.906	200	110225	60.577	ng	97
70) Pentachlorophenol	17.106	266	77827	78.045	ng	94
71) Phenanthrene	17.500	178	529739	63.285	ng	96
72) Anthracene	17.594	178	521131	63.338	ng	99
73) Carbazole	17.852	167	467098	57.926	ng	99
74) Di-n-butylphthalate	18.422	149	556669	61.382	ng	# 98
75) Fluoranthene	19.509	202	668360	61.665	ng	96
77) Benzidine	19.680	184	232250	65.341	ng	99
78) Pyrene	19.868	202	674878	63.217	ng	98
80) Butylbenzylphthalate	20.755	149	240826	61.519	ng	95
81) Benzo(a)anthracene	21.718	228	685198	65.143	ng	99
82) 3,3'-Dichlorobenzidine	21.624	252	198652	74.476	ng	96
83) Chrysene	21.783	228	639822	65.130	ng	97
84) Bis(2-ethylhexyl)phtha...	21.630	149	333922	61.802	ng	96
85) Di-n-octyl phthalate	22.870	149	575389	62.976	ng	99
87) Indeno(1,2,3-cd)pyrene	28.740	276	798403	67.031	ng	# 97
88) Benzo(b)fluoranthene	23.969	252	672428	66.427	ng	# 99
89) Benzo(k)fluoranthene	24.039	252	647533	65.097	ng	99
90) Benzo(a)pyrene	24.850	252	564863	65.560	ng	# 98
91) Dibenzo(a,h)anthracene	28.816	278	653310	66.565	ng	99
92) Benzo(g,h,i)perylene	29.921	276	649786	66.791	ng	# 94

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

