

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091322\
 Data File : BP011680.D
 Acq On : 13 Sep 2022 11:28
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/14/2022
 Supervised By : Jagrut Upadhyay 09/14/2022

Quant Time: Sep 13 14:13:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 13 14:11:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	417592	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	1662447	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	998958	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	2062283	20.000	ng	0.00
76) Chrysene-d12	21.427	240	2111426	20.000	ng	0.00
86) Perylene-d12	23.886	264	2142612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	435609	18.449	ng	0.00
7) Phenol-d6	7.105	99	563125	18.024	ng	0.00
23) Nitrobenzene-d5	9.116	82	485206	17.916	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	182199	16.143	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	1295110	18.539	ng	0.00
79) Terphenyl-d14	19.892	244	1910713	18.954	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	95799	10.309	ng	# 78
3) Pyridine	3.799	79	254435	10.055	ng	# 76
4) n-Nitrosodimethylamine	3.705	42	92939	8.795	ng	# 36
6) Aniline	7.275	93	339048	9.446	ng	88
8) 2-Chlorophenol	7.511	128	258281	9.567	ng	89
9) Benzaldehyde	7.087	77	193761	10.565	ng	90
10) Phenol	7.134	94	312966	9.579	ng	80
11) bis(2-Chloroethyl)ether	7.369	93	249570	9.719	ng	91
12) 1,3-Dichlorobenzene	7.840	146	303181	9.817	ng	# 90
13) 1,4-Dichlorobenzene	7.987	146	306465	9.734	ng	96
14) 1,2-Dichlorobenzene	8.305	146	292017	9.765	ng	97
15) Benzyl Alcohol	8.193	79	191227	9.152	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.487	45	301424	9.107	ng	89
17) 2-Methylphenol	8.393	107	201142	9.314	ng	# 91
18) Hexachloroethane	9.040	117	95624	9.020	ng	98
19) n-Nitroso-di-n-propyla...	8.763	70	165486	9.096	ng	# 79
20) 3+4-Methylphenols	8.722	107	275490	9.413	ng	91
22) Acetophenone	8.781	105	364098	9.061	ng	# 84
24) Nitrobenzene	9.158	77	256134	9.158	ng	# 88
25) Isophorone	9.687	82	400776	8.208	ng	# 94
26) 2-Nitrophenol	9.875	139	94973	9.056	ng	# 78
27) 2,4-Dimethylphenol	9.934	122	186330	8.801	ng	88
28) bis(2-Chloroethoxy)met...	10.169	93	285328	9.342	ng	99
29) 2,4-Dichlorophenol	10.404	162	212262	8.598	ng	96
30) 1,2,4-Trichlorobenzene	10.622	180	261292	9.020	ng	98
31) Naphthalene	10.816	128	836989	9.415	ng	99
32) Benzoic acid	9.999	122	93598	7.548	ng	# 83
33) 4-Chloroaniline	10.922	127	317249	9.046	ng	# 90
34) Hexachlorobutadiene	11.104	225	150402	8.726	ng	98
35) Caprolactam	11.693	113	53844	7.569	ng	# 62
36) 4-Chloro-3-methylphenol	12.040	107	210438	8.651	ng	87
37) 2-Methylnaphthalene	12.422	142	553540	9.146	ng	95
38) 1-Methylnaphthalene	12.640	142	547062m	9.280	ng	
40) 1,2,4,5-Tetrachloroben...	12.787	216	270972	8.636	ng	99
41) Hexachlorocyclopentadiene	12.769	237	121881	8.217	ng	100
43) 2,4,6-Trichlorophenol	13.022	196	161856	8.620	ng	98

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44) 2,4,5-Trichlorophenol	13.093	196	188191	8.780	ng	94
46) 1,1'-Biphenyl	13.428	154	695129	9.059	ng	98
47) 2-Chloronaphthalene	13.469	162	549314	9.210	ng	97
48) 2-Nitroaniline	13.669	65	113802	8.310	ng	# 77
49) Acenaphthylene	14.310	152	811660	8.870	ng	100
50) Dimethylphthalate	14.045	163	671564	9.234	ng	100
51) 2,6-Dinitrotoluene	14.163	165	120593	8.579	ng	# 83
52) Acenaphthene	14.651	154	553937	9.350	ng	98
53) 3-Nitroaniline	14.493	138	133616	8.570	ng	88
54) 2,4-Dinitrophenol	14.693	184	46662	9.950	ng	# 81
55) Dibenzofuran	14.987	168	839129	9.401	ng	96
56) 4-Nitrophenol	14.792	139	105032	8.375	ng	# 68
57) 2,4-Dinitrotoluene	14.945	165	145840	8.261	ng	# 83
58) Fluorene	15.640	166	677153	9.264	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.210	232	163986	9.065	ng	97
60) Diethylphthalate	15.410	149	628823	8.892	ng	100
61) 4-Chlorophenyl-phenylether	15.634	204	326671	9.065	ng	93
62) 4-Nitroaniline	15.651	138	136887	8.647	ng	# 75
63) Azobenzene	15.928	77	537872	8.555	ng	86
65) 4,6-Dinitro-2-methylphthalate	15.704	198	69290	8.741	ng	84
66) n-Nitrosodiphenylamine	15.845	169	558241	8.899	ng	97
67) 4-Bromophenyl-phenylether	16.534	248	191279	8.534	ng	94
68) Hexachlorobenzene	16.645	284	230467	8.714	ng	92
69) Atrazine	16.798	200	167769	8.997	ng	99
70) Pentachlorophenol	16.986	266	114041	7.931	ng	98
71) Phenanthrene	17.386	178	1088415	9.458	ng	98
72) Anthracene	17.481	178	986100	9.046	ng	99
73) Carbazole	17.745	167	929635	9.217	ng	99
74) Di-n-butylphthalate	18.298	149	940813	8.263	ng	# 98
75) Fluoranthene	19.345	202	1190647	9.386	ng	97
77) Benzidine	19.528	184	406069	10.062	ng	99
78) Pyrene	19.698	202	1242699	8.855	ng	98
80) Butylbenzylphthalate	20.575	149	395808	8.063	ng	86
81) Benzo(a)anthracene	21.410	228	1269673	9.161	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	376184	8.320	ng	99
83) Chrysene	21.463	228	1253981	9.562	ng	99
84) Bis(2-ethylhexyl)phthalate	21.333	149	562090	7.436	ng	100
85) Di-n-octyl phthalate	22.280	149	914075	7.191	ng	# 91
87) Indeno(1,2,3-cd)pyrene	26.462	276	1452967	8.912	ng	96
88) Benzo(b)fluoranthene	23.133	252	1224734	9.111	ng	99
89) Benzo(k)fluoranthene	23.180	252	1228663	8.861	ng	99
90) Benzo(a)pyrene	23.774	252	972387	8.755	ng	99
91) Dibenzo(a,h)anthracene	26.480	278	1217802	8.904	ng	97
92) Benzo(g,h,i)perylene	27.251	276	1195700	9.094	ng	97

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

