

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
 Data File : BF126910.D
 Acq On : 16 Feb 2022 13:40
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/17/2022
 Supervised By : Jagrut Upadhyay 02/17/2022

Quant Time: Feb 16 14:06:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 13:26:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	123158	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	458679	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	230366	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	390930	20.000	ng	0.00
76) Chrysene-d12	14.110	240	221309	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	183114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	855846	95.180	ng	0.00
7) Phenol-d6	6.563	99	1152691	92.674	ng	0.00
23) Nitrobenzene-d5	7.504	82	1165130	95.067	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	306453	128.179	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1701583	122.307	ng	0.00
79) Terphenyl-d14	13.051	244	1758477	132.920	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	203317	44.684	ng	94
3) Pyridine	3.522	79	537335	43.546	ng	88
4) n-Nitrosodimethylamine	3.505	42	263354	69.096	ng	# 74
6) Aniline	6.604	93	696966	43.913	ng	93
8) 2-Chlorophenol	6.722	128	461348	56.111	ng	100
10) Phenol	6.575	94	590134	44.327	ng	82
11) bis(2-Chloroethyl)ether	6.675	93	455774	42.494	ng	96
12) 1,3-Dichlorobenzene	6.875	146	501479	54.167	ng	97
13) 1,4-Dichlorobenzene	6.951	146	505064	53.976	ng	96
14) 1,2-Dichlorobenzene	7.110	146	475816	52.327	ng	98
15) Benzyl Alcohol	7.075	79	493731	49.682	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.210	45	716084	61.972	ng	96
17) 2-Methylphenol	7.181	107	402849	49.825	ng	94
18) Hexachloroethane	7.445	117	195472	53.327	ng	94
19) n-Nitroso-di-n-propyla...	7.357	70	372713	45.507	ng	97
20) 3+4-Methylphenols	7.340	107	505150	49.606	ng	# 88
22) Acetophenone	7.351	105	664941	50.099	ng	94
24) Nitrobenzene	7.522	77	546774	44.943	ng	94
25) Isophorone	7.763	82	962999	45.783	ng	# 99
26) 2-Nitrophenol	7.834	139	242177	59.727	ng	# 76
27) 2,4-Dimethylphenol	7.863	122	381851	53.920	ng	88
28) bis(2-Chloroethoxy)met...	7.963	93	578452	43.362	ng	99
29) 2,4-Dichlorophenol	8.075	162	364608	52.300	ng	100
30) 1,2,4-Trichlorobenzene	8.157	180	397376	53.003	ng	99
31) Naphthalene	8.245	128	1336043	55.728	ng	99
32) Benzoic acid	8.004	122	304799	55.771	ng	# 80
33) 4-Chloroaniline	8.287	127	526629	54.366	ng	94
34) Hexachlorobutadiene	8.351	225	234530	49.908	ng	99
35) Caprolactam	8.681	113	125207m	49.358	ng	
36) 4-Chloro-3-methylphenol	8.769	107	457731	51.510	ng	99
37) 2-Methylnaphthalene	8.934	142	850337	57.561	ng	97
38) 1-Methylnaphthalene	9.034	142	821689	57.783	ng	99
40) 1,2,4,5-Tetrachloroben...	9.098	216	346632	52.260	ng	98
41) Hexachlorocyclopentadiene	9.081	237	211141	55.227	ng	97
43) 2,4,6-Trichlorophenol	9.204	196	253540	54.260	ng	97
44) 2,4,5-Trichlorophenol	9.245	196	266737	54.678	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.398	154	1006105	59.633	ng	98
47) 2-Chloronaphthalene	9.422	162	761835	56.963	ng	93
48) 2-Nitroaniline	9.522	65	309020	56.671	ng	98
49) Acenaphthylene	9.839	152	1228841	59.509	ng	99
50) Dimethylphthalate	9.698	163	926354	58.175	ng	99
51) 2,6-Dinitrotoluene	9.763	165	191997	58.697	ng	88
52) Acenaphthene	10.016	154	811182	61.612	ng	97
53) 3-Nitroaniline	9.934	138	232337	62.333	ng	99
54) 2,4-Dinitrophenol	10.034	184	113047	65.610	ng	# 85
55) Dibenzofuran	10.186	168	1084504	55.807	ng	93
56) 4-Nitrophenol	10.081	139	180208	63.840	ng	# 72
57) 2,4-Dinitrotoluene	10.169	165	258281	58.260	ng	# 94
58) Fluorene	10.528	166	832904	57.927	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	210463	49.845	ng	97
60) Diethylphthalate	10.398	149	948604	60.629	ng	98
61) 4-Chlorophenyl-phenyle...	10.516	204	397212	54.615	ng	96
62) 4-Nitroaniline	10.557	138	229633	64.925	ng	# 81
63) Azobenzene	10.681	77	1064406	49.031	ng	94
65) 4,6-Dinitro-2-methylph...	10.575	198	148408	62.580	ng	84
66) n-Nitrosodiphenylamine	10.639	169	723550	57.555	ng	99
67) 4-Bromophenyl-phenylether	11.010	248	252584	56.448	ng	97
68) Hexachlorobenzene	11.075	284	270263	55.198	ng	92
69) Atrazine	11.163	200	216523	53.079	ng	96
70) Pentachlorophenol	11.263	266	164433	57.563	ng	99
71) Phenanthrene	11.492	178	1213033	56.026	ng	99
72) Anthracene	11.545	178	1205639	55.596	ng	100
73) Carbazole	11.698	167	1104842	54.006	ng	98
74) Di-n-butylphthalate	12.022	149	1436494	60.563	ng	99
75) Fluoranthene	12.680	202	1139405	51.738	ng	97
78) Pyrene	12.916	202	1128586	63.811	ng	99
80) Butylbenzylphthalate	13.522	149	525370	71.591	ng	96
81) Benzo(a)anthracene	14.098	228	852003	57.696	ng	99
82) 3,3'-Dichlorobenzidine	14.063	252	269900	63.819	ng	# 97
83) Chrysene	14.139	228	808924	57.856	ng	100
84) Bis(2-ethylhexyl)phtha...	14.074	149	685505	71.798	ng	# 97
85) Di-n-octyl phthalate	14.692	149	1007290	73.990	ng	98
87) Indeno(1,2,3-cd)pyrene	17.157	276	774408	69.338	ng	# 88
88) Benzo(b)fluoranthene	15.168	252	734334	61.330	ng	# 95
89) Benzo(k)fluoranthene	15.204	252	646114	54.097	ng	# 94
90) Benzo(a)pyrene	15.551	252	568285	59.540	ng	# 95
91) Dibenzo(a,h)anthracene	17.174	278	642349	70.216	ng	# 93
92) Benzo(g,h,i)perylene	17.627	276	627231	69.417	ng	# 89

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

