

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020922\
 Data File : BF126826.D
 Acq On : 09 Feb 2022 15:19
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/10/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

Quant Time: Feb 10 00:19:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:15:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	127530	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	512183	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	254906	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	439760	20.000	ng	0.00
76) Chrysene-d12	14.116	240	262003	20.000	ng	0.00
86) Perylene-d12	15.627	264	193474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	356047	38.239	ng	0.00
7) Phenol-d6	6.557	99	480519	37.308	ng	0.00
23) Nitrobenzene-d5	7.504	82	465258	33.996	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	114575	43.309	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	721137	46.844	ng	0.00
79) Terphenyl-d14	13.057	244	749884	47.879	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.534	79	223326	17.478	ng	100
4) n-Nitrosodimethylamine	3.493	42	103036	26.107	ng	94
6) Aniline	6.604	93	281524m	17.130	ng	
8) 2-Chlorophenol	6.722	128	188826	22.179	ng	97
9) Benzaldehyde	6.493	77	150020	18.514	ng	98
10) Phenol	6.569	94	240909	17.475	ng	96
11) bis(2-Chloroethyl)ether	6.675	93	190834	17.182	ng	99
12) 1,3-Dichlorobenzene	6.881	146	203871	21.266	ng	97
13) 1,4-Dichlorobenzene	6.957	146	209073	21.577	ng	98
14) 1,2-Dichlorobenzene	7.110	146	195824	20.797	ng	98
15) Benzyl Alcohol	7.075	79	188271	18.295	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.210	45	311419	26.027	ng	100
17) 2-Methylphenol	7.181	107	163426	19.520	ng	99
18) Hexachloroethane	7.457	117	77817	20.502	ng	95
19) n-Nitroso-di-n-propyla...	7.345	70	149947	17.680	ng	96
20) 3+4-Methylphenols	7.334	107	215255	20.413	ng	95
22) Acetophenone	7.345	105	279124	18.833	ng	# 98
24) Nitrobenzene	7.522	77	216767	15.956	ng	99
25) Isophorone	7.757	82	384124	16.354	ng	99
26) 2-Nitrophenol	7.840	139	92640	20.461	ng	93
27) 2,4-Dimethylphenol	7.863	122	156180	19.750	ng	97
28) bis(2-Chloroethoxy)met...	7.969	93	241425	16.207	ng	98
29) 2,4-Dichlorophenol	8.075	162	146662	18.840	ng	96
30) 1,2,4-Trichlorobenzene	8.163	180	165290	19.744	ng	99
31) Naphthalene	8.245	128	565705	21.131	ng	100
32) Benzoic acid	7.951	122	104823	17.176	ng	94
33) 4-Chloroaniline	8.292	127	219310	20.275	ng	97
34) Hexachlorobutadiene	8.357	225	91745	17.484	ng	100
35) Caprolactam	8.645	113	50551	17.846	ng	97
36) 4-Chloro-3-methylphenol	8.763	107	184677	18.612	ng	99
37) 2-Methylnaphthalene	8.939	142	359570	21.797	ng	98
38) 1-Methylnaphthalene	9.034	142	349229	21.993	ng	99
40) 1,2,4,5-Tetrachloroben...	9.098	216	139571	19.017	ng	99
41) Hexachlorocyclopentadiene	9.087	237	77273	18.266	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	101008	19.536	ng	98
44) 2,4,5-Trichlorophenol	9.245	196	105225	19.493	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.398	154	432932	23.190	ng	99
47) 2-Chloronaphthalene	9.428	162	318730	21.537	ng	96
48) 2-Nitroaniline	9.522	65	120231	19.926	ng	94
49) Acenaphthylene	9.845	152	516891	22.622	ng	99
50) Dimethylphthalate	9.698	163	374332	21.245	ng	99
51) 2,6-Dinitrotoluene	9.763	165	75919	20.976	ng	100
52) Acenaphthene	10.016	154	326845	22.435	ng	99
53) 3-Nitroaniline	9.928	138	93809	22.745	ng	89
54) 2,4-Dinitrophenol	10.034	184	33018	17.318	ng	94
55) Dibenzofuran	10.186	168	460154	21.399	ng	99
56) 4-Nitrophenol	10.075	139	66700	21.354	ng	96
57) 2,4-Dinitrotoluene	10.163	165	101469	20.685	ng	98
58) Fluorene	10.534	166	349459	21.964	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.298	232	85123	18.219	ng	98
60) Diethylphthalate	10.398	149	395880	22.867	ng	99
61) 4-Chlorophenyl-phenyle...	10.522	204	163546	20.322	ng	93
62) 4-Nitroaniline	10.545	138	87237	22.290	ng	95
63) Azobenzene	10.681	77	444519	18.505	ng	99
65) 4,6-Dinitro-2-methylph...	10.569	198	49428	18.528	ng	92
66) n-Nitrosodiphenylamine	10.639	169	304437	21.527	ng	100
67) 4-Bromophenyl-phenylether	11.016	248	100506	19.967	ng	93
68) Hexachlorobenzene	11.075	284	107519	19.521	ng	# 91
69) Atrazine	11.163	200	93676	20.414	ng	97
70) Pentachlorophenol	11.269	266	59433	18.495	ng	98
71) Phenanthrene	11.498	178	521476	21.411	ng	99
72) Anthracene	11.551	178	520159	21.323	ng	99
73) Carbazole	11.704	167	475429	20.659	ng	99
74) Di-n-butylphthalate	12.028	149	617567	23.146	ng	99
75) Fluoranthene	12.686	202	490405	19.796	ng	97
77) Benzidine	12.804	184	166159	27.645	ng	99
78) Pyrene	12.916	202	498335	23.800	ng	100
80) Butylbenzylphthalate	13.533	149	223455	25.720	ng	95
81) Benzo(a)anthracene	14.104	228	366620	20.971	ng	100
82) 3,3'-Dichlorobenzidine	14.069	252	112230	22.416	ng	99
83) Chrysene	14.145	228	347248	20.978	ng	98
84) Bis(2-ethylhexyl)phtha...	14.086	149	292307	25.860	ng	99
85) Di-n-octyl phthalate	14.704	149	386540	23.983	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	284122	24.077	ng	99
88) Benzo(b)fluoranthene	15.174	252	271251	21.441	ng	99
89) Benzo(k)fluoranthene	15.204	252	258561	20.489	ng	99
90) Benzo(a)pyrene	15.557	252	209727	20.797	ng	96
91) Dibenzo(a,h)anthracene	17.186	278	238896	24.716	ng	97
92) Benzo(g,h,i)perylene	17.627	276	233623	24.471	ng	97

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

