

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
 Data File : BF139811.D
 Acq On : 15 Oct 2024 14:42
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/16/2024

Quant Time: Oct 15 16:28:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 15:37:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	92115	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	329777	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	166800	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	246567	20.000	ng	0.00
76) Chrysene-d12	14.016	240	140168	20.000	ng	0.00
86) Perylene-d12	15.480	264	188589	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	626892	114.829	ng	0.00
7) Phenol-d6	6.498	99	822963	113.348	ng	0.00
23) Nitrobenzene-d5	7.422	82	753755	117.643	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	157990	112.307	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1256257	112.648	ng	0.00
79) Terphenyl-d14	12.957	244	792279	122.087	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	140541	59.163	ng	100
3) Pyridine	3.352	79	342680	58.947	ng	99
4) n-Nitrosodimethylamine	3.316	42	207773	60.182	ng	98
6) Aniline	6.522	93	349984	55.945	ng	# 82
8) 2-Chlorophenol	6.646	128	328786	57.042	ng	97
9) Benzaldehyde	6.410	77	214548	52.609	ng	99
10) Phenol	6.510	94	433536	56.885	ng	94
11) bis(2-Chloroethyl)ether	6.598	93	327360	57.598	ng	99
12) 1,3-Dichlorobenzene	6.798	146	374809	57.511	ng	99
13) 1,4-Dichlorobenzene	6.875	146	374975	57.357	ng	99
14) 1,2-Dichlorobenzene	7.028	146	345149	56.902	ng	99
15) Benzyl Alcohol	6.998	79	299041	57.225	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	564526	56.679	ng	96
17) 2-Methylphenol	7.116	107	269132	57.718	ng	97
18) Hexachloroethane	7.363	117	137117	57.892	ng	100
19) n-Nitroso-di-n-propyla...	7.275	70	236913	56.034	ng	99
20) 3+4-Methylphenols	7.269	107	326097	55.617	ng	99
22) Acetophenone	7.269	105	445089	57.510	ng	98
24) Nitrobenzene	7.446	77	393800	58.958	ng	99
25) Isophorone	7.681	82	633294	57.918	ng	99
26) 2-Nitrophenol	7.757	139	177158	60.917	ng	98
27) 2,4-Dimethylphenol	7.793	122	207070	58.596	ng	100
28) bis(2-Chloroethoxy)met...	7.887	93	392792	58.534	ng	100
29) 2,4-Dichlorophenol	7.998	162	269491	58.802	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	305847	58.613	ng	99
31) Naphthalene	8.163	128	977959	57.541	ng	99
32) Benzoic acid	7.934	122	215842	66.152	ng	98
33) 4-Chloroaniline	8.210	127	315403	56.588	ng	99
34) Hexachlorobutadiene	8.269	225	195855	59.150	ng	99
35) Caprolactam	8.592	113	73102	56.495	ng	98
36) 4-Chloro-3-methylphenol	8.692	107	281503	57.839	ng	99
37) 2-Methylnaphthalene	8.851	142	608219	57.080	ng	100
38) 1-Methylnaphthalene	8.951	142	589040	56.783	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	286549	59.148	ng	100
41) Hexachlorocyclopentadiene	8.998	237	71398	61.803	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	186132	60.435	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	196161	59.438	ng	98
46) 1,1'-Biphenyl	9.316	154	738489	58.556	ng	100
47) 2-Chloronaphthalene	9.339	162	571979	59.360	ng	99
48) 2-Nitroaniline	9.439	65	187710	59.669	ng	96
49) Acenaphthylene	9.757	152	823979	58.226	ng	100
50) Dimethylphthalate	9.616	163	586322	57.427	ng	100
51) 2,6-Dinitrotoluene	9.681	165	137151	58.874	ng	99
52) Acenaphthene	9.928	154	522275m	58.278	ng	
53) 3-Nitroaniline	9.851	138	130368	56.129	ng	99
54) 2,4-Dinitrophenol	9.957	184	62528	66.048	ng	100
55) Dibenzofuran	10.098	168	765822	56.970	ng	100
56) 4-Nitrophenol	10.010	139	85932	61.457	ng	99
57) 2,4-Dinitrotoluene	10.081	165	162961	56.660	ng	97
58) Fluorene	10.439	166	585015	55.918	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	144655	58.944	ng	99
60) Diethylphthalate	10.310	149	552975	55.670	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	291170	56.324	ng	99
62) 4-Nitroaniline	10.463	138	119118	56.074	ng	99
63) Azobenzene	10.592	77	588974	56.875	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	83848	64.819	ng	98
66) n-Nitrosodiphenylamine	10.551	169	473297	60.684	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	162929	61.334	ng	99
68) Hexachlorobenzene	10.986	284	177554	59.751	ng	98
69) Atrazine	11.075	200	64524	44.315	ng	99
70) Pentachlorophenol	11.181	266	84108	66.184	ng	99
71) Phenanthrene	11.404	178	688409	58.450	ng	100
72) Anthracene	11.451	178	674702	58.300	ng	99
73) Carbazole	11.610	167	581339	56.777	ng	100
74) Di-n-butylphthalate	11.933	149	624365	56.119	ng	99
75) Fluoranthene	12.586	202	620317	55.822	ng	100
77) Benzidine	12.710	184	145458	62.123	ng	98
80) Butylbenzylphthalate	13.433	149	218166	58.402	ng	99
81) Benzo(a)anthracene	14.004	228	538651	57.856	ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	195669	63.076	ng	100
83) Chrysene	14.045	228	512492	60.393	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	302931	62.868	ng	99
85) Di-n-octyl phthalate	14.604	149	595339	66.411	ng	99
87) Indeno(1,2,3-cd)pyrene	16.963	276	734833	58.188	ng	100
88) Benzo(b)fluoranthene	15.057	252	632796	58.497	ng	99
89) Benzo(k)fluoranthene	15.086	252	565324	58.888	ng	100
90) Benzo(a)pyrene	15.421	252	560826	59.356	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	593550	57.313	ng	100
92) Benzo(g,h,i)perylene	17.404	276	623062	57.361	ng	98

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

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

Abundance

TIC: BF139811.D\data.ms

Time-->

1,4-Dioxane

Nitrosodimethylamine,

2-Fluorophenyl,S

Benzaldehyde

bis(2-Chloroethoxy)methane

1,7-Dichlorobenzene-d4,1

2-Chlorophenol

1,3-Dichlorobenzene,C

2,2'-oxybis[4-Chloropropanedinitrile]

Hexachlorocyclopentadiene

Nitrobenzene-d5,S

Acetophenone

Synthetic

2-Nitrophenol

Benzic acid

2,4-Dichlorobenzoic acid

2,4-Dichlorobenzene

Naphthalene

Hexachlorobutadiene,C

Caprolactam

4-Chloro-3-methylphenol,C

Hexachlorocyclopentadiene,P

2,4,6-Trichlorobenzene,P

2-Nitroaniline

2-Methylphthalate

2-Chloronaphthalene,Biphenyl

Acenaphthylene

Dibenzofuran

Acenaphthene,C

2,4-Dinitrotoluene

2,3,4,6-Tetrachlorophthalate

4,5-Dinitrodiphenylmethanol

2,4,6-Trichlorophenol,S

4-Bromobenzylazobenzene

Airazing

Pentachlorophenol,C

Phenanthrene-d10,1

Carbazole

Di-n-butylphthalate

Fluoranthene,C

Benzidine

Butylbenzylphthalate

3,8-Dichloro-2-methylfluorene

Di-n-octyl phthalate,c

Benzo(a)pyrene

Benzo(a)pyrene,C

Perylene-d12,1

Idemol(a,b)

Benzo(g,h,i)perylene

Terphenyl-d14,S