

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139849.D
 Acq On : 18 Oct 2024 12:49
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2024

Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 18 14:19:35 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 18 14:11:20 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	197235	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	739665	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	405194	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	694873	20.000	ng	0.00
76) Chrysene-d12	14.051	240	349496	20.000	ng	0.00
86) Perylene-d12	15.527	264	390757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1162820	92.295	ng	0.00
7) Phenol-d6	6.510	99	1517079	92.972	ng	0.00
23) Nitrobenzene-d5	7.457	82	1310450	98.193	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	362330	95.600	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2204460	89.915	ng	0.00
79) Terphenyl-d14	12.998	244	2015874	93.988	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	281572	47.933	ng	99
3) Pyridine	3.446	79	683175	46.920	ng	99
4) n-Nitrosodimethylamine	3.404	42	385387	49.264	ng	97
6) Aniline	6.557	93	725204	47.686	ng	98
8) 2-Chlorophenol	6.675	128	597810	46.414	ng	98
9) Benzaldehyde	6.439	77	430623	46.911	ng	100
10) Phenol	6.528	94	780406m	45.569	ng	
11) bis(2-Chloroethyl)ether	6.628	93	617014	47.453	ng	99
12) 1,3-Dichlorobenzene	6.834	146	686600	46.439	ng	99
13) 1,4-Dichlorobenzene	6.910	146	686616	46.483	ng	99
14) 1,2-Dichlorobenzene	7.063	146	627851	45.543	ng	99
15) Benzyl Alcohol	7.028	79	569012	47.538	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1043921	47.084	ng	100
17) 2-Methylphenol	7.134	107	519035	47.259	ng	99
18) Hexachloroethane	7.404	117	250100	47.480	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	454173	45.892	ng	99
20) 3+4-Methylphenols	7.292	107	645650	45.961	ng	# 88
22) Acetophenone	7.304	105	835908	46.140	ng	97
24) Nitrobenzene	7.475	77	707970	48.385	ng	100
25) Isophorone	7.710	82	1205277	47.583	ng	99
26) 2-Nitrophenol	7.786	139	292634	53.013	ng	99
27) 2,4-Dimethylphenol	7.822	122	439040	47.699	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	728968	47.500	ng	100
29) 2,4-Dichlorophenol	8.028	162	502930	47.971	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	550757	47.476	ng	99
31) Naphthalene	8.198	128	1770616	46.415	ng	100
32) Benzoic acid	7.933	122	426532	53.131	ng	100
33) 4-Chloroaniline	8.245	127	613822	47.189	ng	99
34) Hexachlorobutadiene	8.316	225	343002	47.058	ng	100
35) Caprolactam	8.616	113	162260	48.675	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	553487	47.678	ng	99
37) 2-Methylnaphthalene	8.886	142	1085491	46.462	ng	99
38) 1-Methylnaphthalene	8.986	142	1052879	45.933	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	518960	47.474	ng	99
41) Hexachlorocyclopentadiene	9.039	237	188234	49.488	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	367373	47.468	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139849.D
 Acq On : 18 Oct 2024 12:49
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2024
 Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 18 14:19:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 14:11:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	385963	48.336	ng	98
46) 1,1'-Biphenyl	9.351	154	1301562	46.143	ng	99
47) 2-Chloronaphthalene	9.375	162	1061417	46.720	ng	99
48) 2-Nitroaniline	9.469	65	358283	51.564	ng	97
49) Acenaphthylene	9.792	152	1526583	46.479	ng	99
50) Dimethylphthalate	9.651	163	1187472	47.050	ng	99
51) 2,6-Dinitrotoluene	9.710	165	277023	50.693	ng	99
52) Acenaphthene	9.963	154	989603	46.576	ng	100
53) 3-Nitroaniline	9.880	138	279467	49.591	ng	100
54) 2,4-Dinitrophenol	9.980	184	102786	48.105	ng	# 18
55) Dibenzofuran	10.133	168	1407211	46.162	ng	99
56) 4-Nitrophenol	10.022	139	221410	51.068	ng	97
57) 2,4-Dinitrotoluene	10.110	165	348628	51.878	ng	97
58) Fluorene	10.480	166	1042268	44.889	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	300306	47.975	ng	99
60) Diethylphthalate	10.351	149	1180411	47.634	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	532654	45.427	ng	98
62) 4-Nitroaniline	10.492	138	266320	50.037	ng	99
63) Azobenzene	10.633	77	1231644	46.881	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	156461	55.202	ng	94
66) n-Nitrosodiphenylamine	10.586	169	987295	47.472	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	341790	47.746	ng	97
68) Hexachlorobenzene	11.027	284	376968	46.823	ng	98
69) Atrazine	11.110	200	234998	41.713	ng	99
70) Pentachlorophenol	11.216	266	252064	51.587	ng	98
71) Phenanthrene	11.439	178	1500010	45.700	ng	99
72) Anthracene	11.492	178	1478655	46.172	ng	99
73) Carbazole	11.645	167	1348098	45.263	ng	99
74) Di-n-butylphthalate	11.974	149	1602928	46.583	ng	100
75) Fluoranthene	12.627	202	1462936	44.089	ng	99
77) Benzidine	12.745	184	240940	42.388	ng	99
78) Pyrene	12.857	202	1471893	48.113	ng	100
80) Butylbenzylphthalate	13.474	149	467242	50.944	ng	100
81) Benzo(a)anthracene	14.045	228	1107235	48.667	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	326706	49.251	ng	98
83) Chrysene	14.080	228	990517	47.484	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	541828	52.655	ng	100
85) Di-n-octyl phthalate	14.651	149	1033054	55.195	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	1268552	50.463	ng	100
88) Benzo(b)fluoranthene	15.098	252	1079928	45.369	ng	100
89) Benzo(k)fluoranthene	15.127	252	1006425	49.026	ng	99
90) Benzo(a)pyrene	15.468	252	951346	48.573	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	1058119	50.456	ng	100
92) Benzo(g,h,i)perylene	17.480	276	1055618	50.394	ng	99

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

Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024

Abundance

TIC: BF139849.D\data.ms

Time-->

1,4-Dioxane

p-Nitrosodimethylaniline

2-Fluorophenol, S

2-Chlorophenol

Phenol-d6, S

1,2-Dichlorobenzene

1,2-Dichlorobenzene-d5, S

1,2-Dichlorobenzene-d4

1,3-Dichlorobenzene

2,2'-oxybis(1,2-chlorobenzene)

Hexachlorobenzene

2-Nitrophenol

2-Chloroethoxymethane

2,4-Dichlorobenzene

2,4-Dichlorobenzene-d4

Hexachlorobutadiene, C

Caprolactam

4-Chloro-3-methylphenol, C

Hexachlorocyclopentadiene

2-Nitroaniline

2,6-Dinitrotoluene

2,4-Dinitrophenol

2,3,4,6-Tetrachlorophthalate

4-Nitroaniline

4,6-Dinitro-2-methylphenol

Azobenzene

Hexachlorophenol, C

Phenanthrene

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Terphenyl-d14, S

3,3'-Dichlorobenzidine

2-Chlorophenylphthalate

Di-n-octyl phthalate, C

Benzo(a)pyrene

Benzo(a)fluoranthene

Perylene-d12, 1

Benzo(a)pyrene, C

Indeno(1,2,3-cd)pyrene

Benzo(g,h,i)perylene