

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133653.D
 Acq On : 08 Jun 2023 22:25
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 06:15:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:43:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	118510	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	386418	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	164990	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	297658	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	171540	20.000	ng	0.00
86) Perylene-d12	15.480	264	143276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	545706	76.828	ng	0.00
7) Phenol-d6	6.475	99	648301	74.144	ng	0.00
23) Nitrobenzene-d5	7.410	82	581379	100.456	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	143266	87.110	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	953911	89.236	ng	0.00
79) Terphenyl-d14	12.957	244	887312	91.968	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	121010	37.722	ng	99
3) Pyridine	3.304	79	332105	36.923	ng	97
4) n-Nitrosodimethylamine	3.263	42	180892	36.877	ng	98
6) Aniline	6.504	93	425386	35.831	ng	99
8) 2-Chlorophenol	6.628	128	273344	39.056	ng	94
9) Benzaldehyde	6.393	77	167387	38.144	ng	98
10) Phenol	6.487	94	346747	39.531	ng	92
11) bis(2-Chloroethyl)ether	6.581	93	270432	37.290	ng	98
12) 1,3-Dichlorobenzene	6.781	146	296312	38.135	ng	100
13) 1,4-Dichlorobenzene	6.857	146	297598	38.203	ng	100
14) 1,2-Dichlorobenzene	7.010	146	272825	37.953	ng	99
15) Benzyl Alcohol	6.981	79	245718	37.015	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	461743	33.570	ng	97
17) 2-Methylphenol	7.092	107	242790	36.632	ng	97
18) Hexachloroethane	7.351	117	68857	25.563	ng	92
19) n-Nitroso-di-n-propyla...	7.257	70	197666	34.940	ng	96
20) 3+4-Methylphenols	7.245	107	281599	37.581	ng	93
22) Acetophenone	7.251	105	356500	40.062	ng	# 98
24) Nitrobenzene	7.428	77	288464	46.779	ng	96
25) Isophorone	7.663	82	524552	38.890	ng	98
26) 2-Nitrophenol	7.739	139	88502	32.968	ng	98
27) 2,4-Dimethylphenol	7.775	122	230114	40.097	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	314077	40.157	ng	99
29) 2,4-Dichlorophenol	7.981	162	201783	39.080	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	220904	39.554	ng	99
31) Naphthalene	8.145	128	716679	38.255	ng	99
32) Benzoic acid	7.863	122	102229m	30.251	ng	
33) 4-Chloroaniline	8.192	127	297502	37.052	ng	98
34) Hexachlorobutadiene	8.263	225	144039	42.400	ng	98
35) Caprolactam	8.563	113	63935	37.757	ng	96
36) 4-Chloro-3-methylphenol	8.675	107	212731	36.781	ng	97
37) 2-Methylnaphthalene	8.839	142	466718	36.488	ng	97
38) 1-Methylnaphthalene	8.934	142	434660	36.454	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	208759	42.690	ng	98
41) Hexachlorocyclopentadiene	8.986	237	8121	3.241	ng	95
43) 2,4,6-Trichlorophenol	9.116	196	127558	40.765	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	144705	39.842	ng	95
46) 1,1'-Biphenyl	9.304	154	546668	40.782	ng	98
47) 2-Chloronaphthalene	9.328	162	378601	38.971	ng	99
48) 2-Nitroaniline	9.422	65	142827	45.975	ng	97
49) Acenaphthylene	9.739	152	627880	37.873	ng	99
50) Dimethylphthalate	9.598	163	502783	43.358	ng	99
51) 2,6-Dinitrotoluene	9.663	165	83139	38.498	ng	94
52) Acenaphthene	9.916	154	364328	36.278	ng	100
53) 3-Nitroaniline	9.833	138	130984	47.429	ng	# 93
54) 2,4-Dinitrophenol	9.939	184	1837	8.706	ng	# 87
55) Dibenzofuran	10.086	168	562958	37.679	ng	99
56) 4-Nitrophenol	9.986	139	73120	36.855	ng	95
57) 2,4-Dinitrotoluene	10.069	165	94845	35.979	ng	# 78
58) Fluorene	10.428	166	411974	37.635	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	106191	38.822	ng	100
60) Diethylphthalate	10.298	149	486863	40.444	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	208428	39.654	ng	98
62) 4-Nitroaniline	10.445	138	132397	47.564	ng	96
63) Azobenzene	10.580	77	416323	34.550	ng	98
65) 4,6-Dinitro-2-methylph...	10.475	198	3105	10.799	ng	85
66) n-Nitrosodiphenylamine	10.539	169	379522	39.274	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	127452	40.318	ng	98
68) Hexachlorobenzene	10.975	284	130162	39.375	ng	95
69) Atrazine	11.063	200	84378	31.823	ng	98
70) Pentachlorophenol	11.169	266	70533	35.684	ng	99
71) Phenanthrene	11.392	178	578080	38.344	ng	100
72) Anthracene	11.445	178	597994	38.540	ng	100
73) Carbazole	11.598	167	560926	38.226	ng	100
74) Di-n-butylphthalate	11.933	149	706638	40.725	ng	99
75) Fluoranthene	12.586	202	633983	38.071	ng	98
77) Benzidine	12.710	184	216187	43.090	ng	98
78) Pyrene	12.816	202	621966	42.608	ng	99
80) Butylbenzylphthalate	13.433	149	284302	49.225	ng	99
81) Benzo(a)anthracene	14.004	228	448708	39.266	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	153971	43.101	ng	98
83) Chrysene	14.045	228	432789	37.516	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	383258	53.088	ng	98
85) Di-n-octyl phthalate	14.610	149	574042	47.733	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	319942	35.057	ng	97
88) Benzo(b)fluoranthene	15.057	252	349750	37.488	ng	98
89) Benzo(k)fluoranthene	15.080	252	341927	37.586	ng	99
90) Benzo(a)pyrene	15.421	252	316091	37.233	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	273388	36.947	ng	94
92) Benzo(g,h,i)perylene	17.392	276	242804	32.542	ng	99

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

Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

Abundance

TIC: BF133653.D\data.ms

Time-->

1,4-Dioxane

n-Nitrosodimethylaniline

2-Fluorophenol,S

Phenol-d6,S

Phenol-C

Phenol

1,3-Dichlorobenzene,C

1,4-Dichlorobenzene,C

2,2'-oxybis(1-Chloropropane)

2-Methylphenol

Nitrobenzene-d5,S

Nitrobenzene

Isophorone

2,4-Dimethylphenol

Naphthalene

Hexachlorocyclopentadiene,P

Caprolactam

4-Chloro-3-methylphenol,C

2,4,6-Trichlorophenol

2-Nitroaniline

2,6-Dinitrotoluene

Acenaphthylene

2,3,4,6-Tetrachlorophenylphthalate

4-Nitroaniline

Azobenzene

4-Nitrosodiphenylphenylether

Phenanthrene-d10,I

Carbazole

Di-n-butylphthalate

Fluoranthene,C

Pyrene

Butylbenzylphthalate

3,8-Bis(2-ethylhexyl)phthalate

3,8-Bis(2-ethylhexyl)anthracene

Di-n-octyl phthalate,c

Benzofluoranthene

Benzo(a)pyrene,C

Perylene-d12,I

Indeno(1,2,3-cd)pyrene

Benzo(g,h,i)perylene

2-Fluorobiphenyl,S

Terphenyl-d14,S