

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133665.D
 Acq On : 09 Jun 2023 09:26
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jun 09 13:50:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 13:43:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	94452	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	357645	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	175953	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	332445	20.000	ng	0.00
76) Chrysene-d12	14.009	240	216016	20.000	ng	0.00
86) Perylene-d12	15.480	264	198442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	0.00
7) Phenol-d6	6.457	99	80324	11.374	ng	-0.01
23) Nitrobenzene-d5	7.392	82	70042	10.667	ng	-0.02
42) 2,4,6-Tribromophenol	10.663	330	23323	10.472	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	148001	11.957	ng	-0.01
79) Terphenyl-d14	12.951	244	149257	10.691	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.581	88	13977	5.860	ng	97
3) Pyridine	3.334	79	38480	5.535	ng	99
4) n-Nitrosodimethylamine	3.257	42	20692	5.384	ng	# 91
6) Aniline	6.492	93	49331	5.546	ng	99
8) 2-Chlorophenol	6.616	128	31525	5.514	ng	99
9) Benzaldehyde	6.386	77	25723	5.490	ng	98
10) Phenol	6.469	94	40768m	5.528	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	30199	5.516	ng	98
12) 1,3-Dichlorobenzene	6.775	146	34420	5.634	ng	98
13) 1,4-Dichlorobenzene	6.851	146	33881	5.487	ng	99
14) 1,2-Dichlorobenzene	7.004	146	32074	5.749	ng	97
15) Benzyl Alcohol	6.969	79	30843	5.592	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.110	45	51914	5.594	ng	99
17) 2-Methylphenol	7.080	107	28830	5.689	ng	98
18) Hexachloroethane	7.345	117	11553	5.466	ng	91
19) n-Nitroso-di-n-propyla...	7.239	70	24453	5.442	ng	98
20) 3+4-Methylphenols	7.233	107	36875	5.729	ng	95
22) Acetophenone	7.239	105	48226	5.879	ng	# 99
24) Nitrobenzene	7.416	77	35608	5.385	ng	99
25) Isophorone	7.651	82	65229	5.411	ng	100
26) 2-Nitrophenol	7.733	139	14711	4.958	ng	97
27) 2,4-Dimethylphenol	7.769	122	28338	5.541	ng	96
28) bis(2-Chloroethoxy)met...	7.863	93	36949	5.303	ng	98
29) 2,4-Dichlorophenol	7.975	162	25560	5.099	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	28140	5.381	ng	95
31) Naphthalene	8.139	128	96915	5.562	ng	98
33) 4-Chloroaniline	8.186	127	40805	5.477	ng	95
34) Hexachlorobutadiene	8.257	225	18753	5.477	ng	98
35) Caprolactam	8.522	113	8433	4.999	ng	90
36) 4-Chloro-3-methylphenol	8.663	107	30692	5.312	ng	91
37) 2-Methylnaphthalene	8.833	142	65588	5.417	ng	94
38) 1-Methylnaphthalene	8.933	142	60095	5.394	ng	97
40) 1,2,4,5-Tetrachloroben...	8.998	216	29234	5.465	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	17405	4.869	ng	96
44) 2,4,5-Trichlorophenol	9.145	196	21416	5.150	ng	96
46) 1,1'-Biphenyl	9.298	154	80901	5.701	ng	98

06/13/2023
 Supervised By :mohammad
 Ahmed

06/13/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.322	162	57323	5.631	ng	98
48) 2-Nitroaniline	9.416	65	18923	5.083	ng	94
49) Acenaphthylene	9.739	152	98443	5.556	ng	98
50) Dimethylphthalate	9.592	163	71406	5.437	ng	99
51) 2,6-Dinitrotoluene	9.657	165	13238	4.883	ng	88
52) Acenaphthene	9.910	154	57375m	5.533	ng	
53) 3-Nitroaniline	9.821	138	16192	4.908	ng	82
55) Dibenzofuran	10.080	168	88744	5.608	ng	97
56) 4-Nitrophenol	9.980	139	10210	4.586	ng	96
57) 2,4-Dinitrotoluene	10.057	165	16819	4.878	ng	97
58) Fluorene	10.421	166	68029	5.622	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.198	232	16108	5.174	ng	99
60) Diethylphthalate	10.292	149	74660	5.586	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	34381	5.755	ng	98
62) 4-Nitroaniline	10.427	138	16429	5.079	ng	92
63) Azobenzene	10.574	77	67635	5.345	ng	100
66) n-Nitrosodiphenylamine	10.533	169	60324	5.402	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	20194	5.442	ng	90
68) Hexachlorobenzene	10.974	284	20380	5.223	ng	96
69) Atrazine	11.057	200	17197	5.308	ng	99
70) Pentachlorophenol	11.168	266	9507	4.069	ng	97
71) Phenanthrene	11.386	178	94956	5.630	ng	99
72) Anthracene	11.439	178	97247	5.530	ng	97
73) Carbazole	11.598	167	87087	5.521	ng	97
74) Di-n-butylphthalate	11.927	149	111161	5.294	ng	98
75) Fluoranthene	12.580	202	97905	5.466	ng	99
77) Benzidine	12.704	184	42243	5.828	ng	99
78) Pyrene	12.810	202	99163	4.928	ng	99
80) Butylbenzylphthalate	13.433	149	41524	4.888	ng	92
81) Benzo(a)anthracene	13.998	228	80843	5.410	ng	97
82) 3,3'-Dichlorobenzidine	13.962	252	26703	5.375	ng	98
83) Chrysene	14.039	228	75624	5.351	ng	96
84) Bis(2-ethylhexyl)phtha...	13.992	149	54743	5.234	ng	98
85) Di-n-octyl phthalate	14.604	149	90907	6.116	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	71919	5.268	ng	96
88) Benzo(b)fluoranthene	15.045	252	67218m	5.576	ng	
89) Benzo(k)fluoranthene	15.074	252	62975	5.363	ng	99
90) Benzo(a)pyrene	15.409	252	58280	5.209	ng	96
91) Dibenzo(a,h)anthracene	16.956	278	60072	5.315	ng	# 96
92) Benzo(g,h,i)perylene	17.380	276	59032	5.268	ng	94

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

Reviewed By :Yogesh Patel

Abundance

TIC: BF133665.D\data.ms

06/13/2023
Supervised By :mohammad
ahmed

06/13/2023

1100000
1050000
1000000
950000
900000
850000
800000
750000
700000
650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0

Time-->

1,4-Dioxane
n-Nitrosodimethylamine,
pyridine
Benzaldehyde
2-Chloro-2-methylpropanol
bis(2-chloroethyl)amine
1,3-dichlorobenzene
Benzyl chloride
2,2'-oxybis(2-chloroethyl)amine
Hexachlorobenzene
Nitrobenzene
2,4-Methylphenols
Nitrobenzene-d5,S
2-Nitrophenol
2-Nitrophenol, C-2
2-Nitrophenol, C-3
2-Nitrophenol, C-4
2-Nitrophenol, C-5
2-Nitrophenol, C-6
4-Nitrophenol
4-Nitrophenol, C-2
4-Nitrophenol, C-3
4-Nitrophenol, C-4
4-Nitrophenol, C-5
4-Nitrophenol, C-6
Caprolactam
4-Chloro-3-methylphenol, C
4-Chloro-3-methylphenol, C-2
4-Chloro-3-methylphenol, C-3
4-Chloro-3-methylphenol, C-4
4-Chloro-3-methylphenol, C-5
4-Chloro-3-methylphenol, C-6
2-Nitroaniline
2,6-Dinitrochlorobenzene
3-Nitroaniline
4-Nitrophenol
Dinitrophenol
2,3,4,5-Tetrachlorophenol
2,3,4,5-Tetrachlorophenol, C
2,3,4,5-Tetrachlorophenol, C-2
2,3,4,5-Tetrachlorophenol, C-3
2,3,4,5-Tetrachlorophenol, C-4
2,3,4,5-Tetrachlorophenol, C-5
2,3,4,5-Tetrachlorophenol, C-6
Hexachlorobenzene
Hexachlorobenzene, C-2
Hexachlorobenzene, C-3
Hexachlorobenzene, C-4
Hexachlorobenzene, C-5
Hexachlorobenzene, C-6
Pentachlorophenol, C
Pentachlorophenol, C-2
Pentachlorophenol, C-3
Pentachlorophenol, C-4
Pentachlorophenol, C-5
Pentachlorophenol, C-6
Carbazole
Di-n-butylphthalate
Fluoranthene, C
Pyrene
Benzidine
Butylbenzylphthalate
3,3'-Dichlorobenzidine
Chrysene
Di-n-octyl phthalate, c
Benzofluoranthene
Benzo(a)pyrene, C
Benzo(a)pyrene, C-2
Benzo(a)pyrene, C-3
Benzo(a)pyrene, C-4
Benzo(a)pyrene, C-5
Benzo(a)pyrene, C-6
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene

Phenol-d6,S
1,4-Dichlorobenzene-d4,l
Acetophenonepropylamine,P
Naphthalene-d8,t
2-Fluorobiphenyl, S
Acenaphthene-d10,l
Phenanthrene-d10,l
Terphenyl-d14, S
Bis(2-ethylhexyl)phthalate
Chrysene
Di-n-octyl phthalate, c
Benzofluoranthene
Benzo(a)pyrene, C
Benzo(a)pyrene, C-2
Benzo(a)pyrene, C-3
Benzo(a)pyrene, C-4
Benzo(a)pyrene, C-5
Benzo(a)pyrene, C-6
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene