

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052622\
 Data File : BM035268.D
 Acq On : 26 May 2022 15:08
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/27/2022
 Supervised By : Jagrut Upadhyay 05/27/2022

Quant Time: May 26 17:20:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 26 17:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	119263	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	505451	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	371572	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	870020	20.000	ng	# 0.00
76) Chrysene-d12	21.451	240	996042	20.000	ng	# 0.00
86) Perylene-d12	23.821	264	1068395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	502208	74.290	ng	0.00
7) Phenol-d6	7.057	99	695485	79.694	ng	0.00
23) Nitrobenzene-d5	9.045	82	742684	79.347	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	447286	110.661	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	2076492	81.125	ng	0.00
79) Terphenyl-d14	19.892	244	4065494	79.029	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.363	88	92814	33.932	ng	93
3) Pyridine	3.763	79	275765	36.185	ng	94
4) n-Nitrosodimethylamine	3.675	42	131898	35.102	ng	91
6) Aniline	7.210	93	388954	38.801	ng	98
8) 2-Chlorophenol	7.446	128	293541	39.015	ng	96
9) Benzaldehyde	7.022	77	167355m	29.464	ng	
10) Phenol	7.081	94	341016	38.209	ng	97
11) bis(2-Chloroethyl)ether	7.310	93	262443	39.060	ng	94
12) 1,3-Dichlorobenzene	7.769	146	330374	38.764	ng	98
13) 1,4-Dichlorobenzene	7.916	146	339921	38.971	ng	99
14) 1,2-Dichlorobenzene	8.234	146	339580	40.893	ng	98
15) Benzyl Alcohol	8.128	79	275633	42.264	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.410	45	358704	32.942	ng	94
17) 2-Methylphenol	8.328	107	246349	40.649	ng	98
18) Hexachloroethane	8.963	117	119210	37.236	ng	# 88
19) n-Nitroso-di-n-propyla...	8.693	70	237437	41.560	ng	95
20) 3+4-Methylphenols	8.663	107	351489	42.388	ng	99
22) Acetophenone	8.710	105	485628	39.671	ng	# 95
24) Nitrobenzene	9.087	77	337585	35.855	ng	96
25) Isophorone	9.616	82	610050	38.983	ng	97
26) 2-Nitrophenol	9.798	139	186015	45.276	ng	95
27) 2,4-Dimethylphenol	9.863	122	253697	40.044	ng	97
28) bis(2-Chloroethoxy)met...	10.098	93	390520	43.362	ng	100
29) 2,4-Dichlorophenol	10.334	162	331635	44.398	ng	99
30) 1,2,4-Trichlorobenzene	10.545	180	369456	43.697	ng	97
31) Naphthalene	10.734	128	995245	38.170	ng	100
32) Benzoic acid	10.034	122	252169	49.612	ng	97
33) 4-Chloroaniline	10.845	127	432531	41.238	ng	97
34) Hexachlorobutadiene	11.022	225	244983	46.929	ng	98
35) Caprolactam	11.645	113	110924	51.416	ng	89
36) 4-Chloro-3-methylphenol	11.975	107	354765	45.898	ng	99
37) 2-Methylnaphthalene	12.345	142	744030	41.182	ng	99
38) 1-Methylnaphthalene	12.563	142	732567	41.521	ng	100
40) 1,2,4,5-Tetrachloroben...	12.716	216	461453	43.614	ng	# 97
41) Hexachlorocyclopentadiene	12.698	237	233584	36.874	ng	99
43) 2,4,6-Trichlorophenol	12.957	196	319228	44.570	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	344262	43.285	ng	95
46) 1,1'-Biphenyl	13.357	154	1058140	37.800	ng	99
47) 2-Chloronaphthalene	13.398	162	825640	37.846	ng	99
48) 2-Nitroaniline	13.604	65	238288	37.970	ng	92
49) Acenaphthylene	14.239	152	1281998	38.169	ng	100
50) Dimethylphthalate	13.986	163	1129433	40.770	ng	98
51) 2,6-Dinitrotoluene	14.098	165	240163	42.581	ng	91
52) Acenaphthene	14.586	154	777768	34.179	ng	99
53) 3-Nitroaniline	14.427	138	247309	40.868	ng	96
54) 2,4-Dinitrophenol	14.639	184	169309	51.034	ng	# 86
55) Dibenzofuran	14.922	168	1331103	40.974	ng	96
56) 4-Nitrophenol	14.745	139	207187	41.917	ng	95
57) 2,4-Dinitrotoluene	14.886	165	347036	45.903	ng	93
58) Fluorene	15.569	166	1082045	40.098	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	333758	49.361	ng	# 88
60) Diethylphthalate	15.345	149	1175295	41.654	ng	98
61) 4-Chlorophenyl-phenyle...	15.563	204	596100	46.158	ng	93
62) 4-Nitroaniline	15.592	138	271018	43.251	ng	98
63) Azobenzene	15.857	77	938683	36.476	ng	95
65) 4,6-Dinitro-2-methylph...	15.657	198	251918	48.437	ng	87
66) n-Nitrosodiphenylamine	15.780	169	967239	36.683	ng	99
67) 4-Bromophenyl-phenylether	16.457	248	384590	43.487	ng	91
68) Hexachlorobenzene	16.574	284	426518	42.718	ng	# 91
69) Atrazine	16.733	200	372628	42.094	ng	96
70) Pentachlorophenol	16.921	266	280105	44.774	ng	97
71) Phenanthrene	17.310	178	1804347	37.212	ng	100
72) Anthracene	17.398	178	1786345	38.153	ng	99
73) Carbazole	17.668	167	1769096	41.372	ng	98
74) Di-n-butylphthalate	18.239	149	2126668	39.088	ng	99
75) Fluoranthene	19.321	202	2290363	43.017	ng	97
77) Benzidine	19.504	184	691839	22.737	ng	100
78) Pyrene	19.686	202	2391511	36.307	ng	100
80) Butylbenzylphthalate	20.586	149	1049378	36.296	ng	91
81) Benzo(a)anthracene	21.433	228	2541086	38.233	ng	100
82) 3,3'-Dichlorobenzidine	21.368	252	657445	33.939	ng	# 98
83) Chrysene	21.486	228	2428456	38.254	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	1590335	35.771	ng	# 96
85) Di-n-octyl phthalate	22.280	149	2739205	37.374	ng	95
87) Indeno(1,2,3-cd)pyrene	26.286	276	2940957	36.206	ng	# 95
88) Benzo(b)fluoranthene	23.098	252	2502698	37.244	ng	98
89) Benzo(k)fluoranthene	23.150	252	2563989	37.693	ng	99
90) Benzo(a)pyrene	23.715	252	2181485	39.076	ng	# 97
91) Dibenzo(a,h)anthracene	26.297	278	2445104	35.885	ng	97
92) Benzo(g,h,i)perylene	27.038	276	2399203	36.646	ng	# 94

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

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/27/2022

Abundance

TIC: BM035268.D\data.ms

1.05e+07

1e+07

9500000

9000000

8500000

8000000

7500000

7000000

6500000

6000000

5500000

5000000

4500000

4000000

3500000

3000000

2500000

2000000

1500000

1000000

500000

0

Time-->

4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00

1,4-Dioxane

n-Nitrosodimethylamine,

2-Fluorophenol,S

Benzene-1,4-diol

Phenol-d6,S

bis(2-chlorophenyl)ether

1,4-Dichlorobenzene,C

Hexachlorocyclopentadiene

2,2'-oxybis(2-chlorophenane)

3,4-Methylenedioxyphenylamine,P

Nitrobenzene-d5,S

Isobutylene

2-Nitrophenol

Benzosulfonchloroacetylmethane

2,4-Dichlorophenol,C

Naphthalene-1,4-diol

Hexachlorobutadiene,C

Caprolactam

4-Chloro-3-methylphenol,C

2-Methylnaphthalene

Hexachlorocyclopentadiene

2,4,6-Trichlorophenol,C

2-Chloro-4-nitrophenol

2-Nitroaniline

2,5-Dinitrophenylphthalate

Acenaphthylene

3-Nitroaniline

Acenaphthene-d10,I

2,4-Dinitrophenol

2,3,4,6-Tetrachlorophenol

Phthalic anhydride

4,6-Dinitrophenylamine,c

Acenaphthene-2,4,6-trisubstituted

4-Bromophenylphenylether

4-Bromophenol

Pentachlorophenol,C

Nitrobenzene

Phthalic acid

Carbazole

Di-n-butylphthalate

Fluoranthene,C

Pyrene

Benzidine

Butylbenzylphthalate

Terphenyl-4,4',S

Bis(2-ethylhexyl)phthalate

Benzo(a)anthracene

Di-n-octyl phthalate,c

Benzo(a)fluoranthene

Benzo(a)pyrene,C

Perylene-d12,I

Indeno(1,2,3-cd)pyrene

Benzo(g,h,i)perylene