

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044737.D
 Acq On : 22 Mar 2024 16:37
 Operator : MA/JU
 Sample : PB159733BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159733BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/26/2024
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 22 17:19:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	209726	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	791462	20.000	ng	-0.02
39) Acenaphthene-d10	14.328	164	400496	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	769275	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	646485	20.000	ng	-0.02
86) Perylene-d12	23.527	264	708950	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1825736	124.989	ng	0.00
7) Phenol-d6	6.875	99	2177200	115.857	ng	0.00
23) Nitrobenzene-d5	8.851	82	1370143	83.399	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	602739	136.449	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	2524376	86.808	ng	-0.02
79) Terphenyl-d14	19.727	244	3181763	86.097	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	211824	34.501	ng	97
3) Pyridine	3.681	79	527713	31.081	ng	97
4) n-Nitrosodimethylamine	3.611	42	293847	43.185	ng	88
6) Aniline	7.034	93	346172	15.554	ng	97
8) 2-Chlorophenol	7.257	128	648914	44.601	ng	99
9) Benzaldehyde	6.852	77	241580	24.545	ng	100
10) Phenol	6.899	94	796655	42.448	ng	95
11) bis(2-Chloroethyl)ether	7.134	93	645596	42.131	ng	99
12) 1,3-Dichlorobenzene	7.575	146	694811	44.414	ng	98
13) 1,4-Dichlorobenzene	7.722	146	705324	44.734	ng	99
14) 1,2-Dichlorobenzene	8.034	146	671765	44.676	ng	99
15) Benzyl Alcohol	7.940	79	536688	43.440	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.210	45	927032m	43.635	ng	
17) 2-Methylphenol	8.134	107	505584	39.500	ng	98
18) Hexachloroethane	8.746	117	270718	46.444	ng	97
19) n-Nitroso-di-n-propyla...	8.498	70	415718	36.224	ng	95
20) 3+4-Methylphenols	8.463	107	690747	39.990	ng	100
22) Acetophenone	8.516	105	908626	43.698	ng	# 97
24) Nitrobenzene	8.893	77	698464	43.009	ng	100
25) Isophorone	9.410	82	1236526	43.623	ng	99
26) 2-Nitrophenol	9.593	139	324625	46.324	ng	97
27) 2,4-Dimethylphenol	9.651	122	448930	36.429	ng	97
28) bis(2-Chloroethoxy)met...	9.898	93	783412	41.619	ng	100
29) 2,4-Dichlorophenol	10.116	162	533527	45.424	ng	99
30) 1,2,4-Trichlorobenzene	10.328	180	562345	45.005	ng	99
31) Naphthalene	10.516	128	1832094	42.179	ng	100
32) Benzoic acid	9.810	122	376075	38.974	ng	98
33) 4-Chloroaniline	10.640	127	314179	17.241	ng	99
34) Hexachlorobutadiene	10.781	225	321468	46.143	ng	99
35) Caprolactam	11.451	113	158319m	41.787	ng	
36) 4-Chloro-3-methylphenol	11.769	107	543049	42.135	ng	98
37) 2-Methylnaphthalene	12.134	142	1174728	39.846	ng	98
38) 1-Methylnaphthalene	12.351	142	1108759	40.353	ng	99
40) 1,2,4,5-Tetrachloroben...	12.504	216	550848	48.468	ng	98
41) Hexachlorocyclopentadiene	12.469	237	668256	103.212	ng	99
43) 2,4,6-Trichlorophenol	12.751	196	372475	48.536	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.828	196	395568	43.501	ng	# 95
46) 1,1'-Biphenyl	13.163	154	1434164	45.786	ng	99
47) 2-Chloronaphthalene	13.198	162	1099508	47.469	ng	98
48) 2-Nitroaniline	13.422	65	363293	46.225	ng	100
49) Acenaphthylene	14.051	152	1785570	47.322	ng	100
50) Dimethylphthalate	13.804	163	1300818	43.424	ng	100
51) 2,6-Dinitrotoluene	13.928	165	283436	45.436	ng	99
52) Acenaphthene	14.398	154	1003218	43.982	ng	99
53) 3-Nitroaniline	14.257	138	232210	31.789	ng	100
54) 2,4-Dinitrophenol	14.469	184	342869	83.783	ng	96
55) Dibenzofuran	14.733	168	1568170	43.318	ng	98
56) 4-Nitrophenol	14.575	139	550019	91.682	ng	94
57) 2,4-Dinitrotoluene	14.716	165	378238	46.404	ng	93
58) Fluorene	15.386	166	1235579	43.828	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.963	232	320876	45.450	ng	99
60) Diethylphthalate	15.175	149	1320882	43.558	ng	99
61) 4-Chlorophenyl-phenyle...	15.386	204	590122	43.604	ng	99
62) 4-Nitroaniline	15.427	138	314409m	43.089	ng	
63) Azobenzene	15.680	77	1375861	43.892	ng	98
65) 4,6-Dinitro-2-methylph...	15.480	198	209173	43.358	ng	97
66) n-Nitrosodiphenylamine	15.610	169	1053180	43.928	ng	98
67) 4-Bromophenyl-phenylether	16.280	248	350230	44.015	ng	96
68) Hexachlorobenzene	16.380	284	401255	47.439	ng	98
69) Atrazine	16.569	200	295701	39.470	ng	98
70) Pentachlorophenol	16.733	266	548095	90.085	ng	98
71) Phenanthrene	17.127	178	1834796	43.160	ng	100
72) Anthracene	17.221	178	1866616	43.779	ng	100
73) Carbazole	17.498	167	1768145	44.031	ng	99
74) Di-n-butylphthalate	18.068	149	2287133	44.201	ng	99
75) Fluoranthene	19.151	202	2042748	42.985	ng	98
77) Benzidine	19.357	184	573160	34.303	ng	99
78) Pyrene	19.515	202	2135496	45.070	ng	100
80) Butylbenzylphthalate	20.439	149	1001424	46.896	ng	96
81) Benzo(a)anthracene	21.268	228	2042812	45.414	ng	99
82) 3,3'-Dichlorobenzidine	21.209	252	596800	38.522	ng	99
83) Chrysene	21.321	228	1887974	43.923	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1475462	45.863	ng	99
85) Di-n-octyl phthalate	22.103	149	2545106	45.609	ng	100
87) Indeno(1,2,3-cd)pyrene	25.791	276	2367291	46.190	ng	99
88) Benzo(b)fluoranthene	22.856	252	2112426	50.703	ng	99
89) Benzo(k)fluoranthene	22.898	252	1910593	44.608	ng	99
90) Benzo(a)pyrene	23.433	252	1854783	45.643	ng	98
91) Dibenzo(a,h)anthracene	25.809	278	1985254	45.948	ng	98
92) Benzo(g,h,i)perylene	26.480	276	1902997	44.743	ng	97

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

Reviewed By :Yogesh Patel 03/26/2024
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Abundance

TIC: BM044737.D\data.ms

Time-->

1,4-Dioxane
n-Nitrosodimethylamine,
Phenol
Benzaldehyde
Aniline
bis(2-Chloroethyl)phosphine
Phenol-C
1,4-Dichlorobenzene-d4
1,4-Dichlorobenzene-C
Benzaldehyde
2,2'-oxybis[1-chloroethanol]
2,2'-oxybis[1-chloroethanol]-P
3,4-Dichlorobenzene
Hexachlorocyclopentadiene
Nitrobenzene-d5,S
Nitrobenzene
Isophthalic acid
2-Nitrophenol
bis(2-Chloroethyl)phosphine
1,4-Dichlorobenzene
1,2,4-Trichlorobenzene
Naphthalene
4-Chloroaniline
Hexachlorobutadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylnaphthalene
1,2,4,5-Tetrachlorobenzene-P
1,2,4,5-Tetrachlorobenzene
2,4,5-Trichlorophenol
2-Chloroaniline
2-Nitroaniline
Dimethylphthalate
Acenaphthylene
3-Nitroaniline
Acenaphthene-C
2,4-Dichlorobenzene
Benzofuran
2,3,4,6-Tetrachlorophenol
Dibenzophthalate
4,6-Dinitrophenol
Nitrosodiphenylamine
Azobenzene
4,6-Dinitrophenyl ether
4,6-Dinitrophenyl ether
Atrazine
Phenanthrene-d10
Phenanthrene
Carbazole
Di-n-butylphthalate
Pentachlorophenol, C
Fluoranthene, C
Pyrene
Terphenyl-d4,S
Butylbenzylphthalate
Chrysene-d12
3,3'-Dichlorobis(2-ethylhexyl)phthalate
Di-n-octyl phthalate, c
Benzo(b)fluoranthene
Benzo(a)pyrene, C
Perylene-d12, I
Benzo(g,h,i)perylene
Dibenz(a,h)pyrene