

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041307.D
 Acq On : 07 Aug 2023 11:47
 Operator : MA/JU
 Sample : PB154558BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154558BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2023
 Supervised By :mohammad ahmed 08/08/2023

Quant Time: Aug 07 17:28:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	146263	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	550716	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	302572	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	594030	20.000	ng	0.00
76) Chrysene-d12	21.421	240	545549	20.000	ng	0.00
86) Perylene-d12	23.786	264	672540	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1009752	103.181	ng	0.00
7) Phenol-d6	6.969	99	1228590	96.852	ng	0.00
23) Nitrobenzene-d5	8.963	82	811591	68.534	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	461260	107.778	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1671227	69.774	ng	0.00
79) Terphenyl-d14	19.851	244	2283493	75.679	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	116146	27.744	ng	96
3) Pyridine	3.658	79	296456	26.932	ng	97
4) n-Nitrosodimethylamine	3.575	42	164325	32.278	ng	95
6) Aniline	7.122	93	464791	31.308	ng	99
8) 2-Chlorophenol	7.351	128	364926	38.197	ng	99
9) Benzaldehyde	6.934	77	216203m	32.300	ng	
10) Phenol	6.998	94	451195	36.827	ng	98
11) bis(2-Chloroethyl)ether	7.222	93	362639	36.566	ng	97
12) 1,3-Dichlorobenzene	7.669	146	413694	39.780	ng	99
13) 1,4-Dichlorobenzene	7.822	146	423972	40.561	ng	99
14) 1,2-Dichlorobenzene	8.134	146	403473	40.258	ng	100
15) Benzyl Alcohol	8.045	79	321450m	40.127	ng	
16) 2,2'-oxybis(1-Chloropr...	8.328	45	446073	33.758	ng	96
17) 2-Methylphenol	8.245	107	295782	35.337	ng	98
18) Hexachloroethane	8.857	117	160732	41.304	ng	91
19) n-Nitroso-di-n-propyla...	8.604	70	286696	37.209	ng	97
20) 3+4-Methylphenols	8.581	107	392508	35.071	ng	96
22) Acetophenone	8.628	105	548624	37.615	ng	# 99
24) Nitrobenzene	9.010	77	429799	35.889	ng	99
25) Isophorone	9.534	82	741156	36.869	ng	99
26) 2-Nitrophenol	9.716	139	195846	41.833	ng	95
27) 2,4-Dimethylphenol	9.781	122	289941	35.195	ng	99
28) bis(2-Chloroethoxy)met...	10.016	93	441573	35.067	ng	100
29) 2,4-Dichlorophenol	10.251	162	327502	39.422	ng	99
30) 1,2,4-Trichlorobenzene	10.457	180	380638	41.470	ng	99
31) Naphthalene	10.645	128	1082967	36.238	ng	99
32) Benzoic acid	9.945	122	228670	38.604	ng	98
33) 4-Chloroaniline	10.775	127	307626	25.758	ng	98
34) Hexachlorobutadiene	10.910	225	243627	44.133	ng	98
35) Caprolactam	11.586	113	87712	36.497	ng	91
36) 4-Chloro-3-methylphenol	11.910	107	318277	36.399	ng	97
37) 2-Methylnaphthalene	12.263	142	704966	34.990	ng	99
38) 1-Methylnaphthalene	12.486	142	669747	35.517	ng	99
40) 1,2,4,5-Tetrachloroben...	12.633	216	395999	40.306	ng	# 98
41) Hexachlorocyclopentadiene	12.598	237	456193	87.766	ng	99
43) 2,4,6-Trichlorophenol	12.886	196	253238	40.215	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	268470	36.835	ng	96
46) 1,1'-Biphenyl	13.286	154	900601	36.716	ng	98
47) 2-Chloronaphthalene	13.327	162	710748	38.806	ng	98
48) 2-Nitroaniline	13.551	65	211051	36.100	ng	99
49) Acenaphthylene	14.174	152	1100183	37.216	ng	99
50) Dimethylphthalate	13.922	163	819568	36.009	ng	99
51) 2,6-Dinitrotoluene	14.051	165	178585	37.869	ng	99
52) Acenaphthene	14.522	154	631541	35.462	ng	100
53) 3-Nitroaniline	14.386	138	149860	28.564	ng	92
54) 2,4-Dinitrophenol	14.604	184	233890	73.922	ng	90
55) Dibenzofuran	14.857	168	1028525	35.398	ng	99
56) 4-Nitrophenol	14.710	139	285916	72.746	ng	94
57) 2,4-Dinitrotoluene	14.851	165	239023	36.188	ng	94
58) Fluorene	15.510	166	806092	35.166	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	231090	39.155	ng	96
60) Diethylphthalate	15.286	149	799986	36.346	ng	100
61) 4-Chlorophenyl-phenyle...	15.504	204	422802	36.809	ng	99
62) 4-Nitroaniline	15.557	138	164374	34.004	ng	95
63) Azobenzene	15.798	77	823592	34.160	ng	98
65) 4,6-Dinitro-2-methylph...	15.616	198	140635	39.080	ng	89
66) n-Nitrosodiphenylamine	15.727	169	673312	36.445	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	253303	38.892	ng	99
68) Hexachlorobenzene	16.510	284	296594	40.953	ng	98
69) Atrazine	16.686	200	237079	48.865	ng	99
70) Pentachlorophenol	16.868	266	336108	67.021	ng	100
71) Phenanthrene	17.257	178	1188242	36.002	ng	100
72) Anthracene	17.351	178	1199990	36.762	ng	99
73) Carbazole	17.627	167	1086239	36.766	ng	100
74) Di-n-butylphthalate	18.186	149	1324451	39.671	ng	99
75) Fluoranthene	19.286	202	1361949	36.730	ng	98
77) Benzidine	19.480	184	766794	103.122	ng	100
78) Pyrene	19.651	202	1416147	37.120	ng	99
80) Butylbenzylphthalate	20.551	149	586233	42.078	ng	99
81) Benzo(a)anthracene	21.403	228	1429698	38.657	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	526405	43.619	ng	99
83) Chrysene	21.456	228	1307263	36.544	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	884732	40.412	ng	# 97
85) Di-n-octyl phthalate	22.245	149	1559498	44.290	ng	96
87) Indeno(1,2,3-cd)pyrene	26.244	276	1964999	39.740	ng	96
88) Benzo(b)fluoranthene	23.068	252	1510924	37.818	ng	98
89) Benzo(k)fluoranthene	23.115	252	1463158	35.802	ng	99
90) Benzo(a)pyrene	23.686	252	1364439	35.542	ng	97
91) Dibenzo(a,h)anthracene	26.256	278	1660512	40.262	ng	97
92) Benzo(g,h,i)perylene	26.991	276	1560891	38.679	ng	97

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

Manual Integrations

Reviewed By :Yogesh Patel 08/08/2023
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TIC: BM041307.D\data.ms

Abundance

Time-->

Labeled compounds (from left to right):

- n-Nitrosodimethylamine,
- 1,4-Dioxane
- 2-Fluorophenol,S
- Benzaldehyde
- Phenol-d6,S
- Bis(2-chloroethoxy)methane
- 1,4-Dichlorobenzene-3,5-dideutero,C
- Benzyl alcohol
- Benzyl alcohol-d4
- 2,2'-oxybis[1-chloroethanol]
- Methylphenylamine,P
- Nitrobenzene
- Hexachlorocyclopentadiene,Nitrobenzene-d5,S
- Isophorone
- 2-Nitrophenol
- Benzoic acid
- bis(2-Chloroethoxy)methane
- 2,4-Dichlorophenol
- Naphthalene
- 4-Chloronitrobenzene
- Hexachlorobutadiene,C
- Caprolactam
- 4-Chloro-3-methylphenol,C
- 2-Methylnaphthalene
- 2,4,5-Trichlorophenol
- 2,4,6-Trichlorophenol,C
- 2-Chloroaniline
- 2-Nitroaniline
- Dimethylphthalate
- Acenaphthylen
- Acenaphthylene
- Acenaphthene,C
- Dibenzofuran
- 2,3,4,6-Tetrachlorophenol
- Dehydrochlorophenol
- Azobenzene
- 4-Nitrosodiphenylamine,C
- 2,4,6-Tribromophenol,S
- 4-Bromobenzophenone
- Atrazine
- Pentachlorophenol C
- Phenanthrene-d10L
- Anthracene
- Carbazole
- Di-n-butylphthalate
- Fluoranthene,C
- Pyrene
- Benzidine
- Butyldibenzylphthalate
- Chrysene
- 3-Benzothienylphthalate
- Di-n-octyl phthalate,c
- Benzo(a,h,i)perylene
- Benzo(a)pyrene,C
- Perylene-d12,L
- Dibenzotetrahydronaphthalene
- Benzo(g,h,i)perylene