

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
 Data File : BM034380.D
 Acq On : 25 Mar 2022 11:16
 Operator : CG/JU
 Sample : PB143570BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB143570BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/28/2022
 Supervised By : Jagrut Upadhyay 03/28/2022

Quant Time: Mar 26 05:38:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 02:40:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	201480	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	842554	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	516506	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	993350	20.000	ng	0.00
76) Chrysene-d12	21.500	240	793205	20.000	ng	0.00
86) Perylene-d12	23.918	264	694376	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.501	112	1674567	149.102	ng	0.01
7) Phenol-d6	7.107	99	2200017	136.815	ng	0.00
23) Nitrobenzene-d5	9.107	82	1439297	83.169	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	869407	124.882	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	3164597	83.724	ng	0.00
79) Terphenyl-d14	19.942	244	4246811	93.031	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.354	88	149572	29.435	ng	99
3) Pyridine	3.760	79	422258	30.709	ng	98
4) n-Nitrosodimethylamine	3.666	42	255027	39.061	ng	97
6) Aniline	7.260	93	737366	40.127	ng	99
8) 2-Chlorophenol	7.507	128	628908	47.876	ng	99
9) Benzaldehyde	7.072	77	321357	37.094	ng	96
10) Phenol	7.137	94	776955	48.581	ng	96
11) bis(2-Chloroethyl)ether	7.360	93	577308	43.979	ng	99
12) 1,3-Dichlorobenzene	7.831	146	624214	41.892	ng	100
13) 1,4-Dichlorobenzene	7.978	146	640660	41.998	ng	98
14) 1,2-Dichlorobenzene	8.295	146	619916	41.687	ng	98
15) Benzyl Alcohol	8.184	79	579094	45.252	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.472	45	790230	43.867	ng	98
17) 2-Methylphenol	8.389	107	524397	46.817	ng	98
18) Hexachloroethane	9.031	117	242534	43.108	ng	99
19) n-Nitroso-di-n-propyla...	8.754	70	496760	42.709	ng	98
20) 3+4-Methylphenols	8.719	107	710626	45.874	ng	99
22) Acetophenone	8.766	105	910507	42.110	ng	# 99
24) Nitrobenzene	9.148	77	701438	43.413	ng	98
25) Isophorone	9.683	82	1324762	45.746	ng	99
26) 2-Nitrophenol	9.866	139	332010	46.337	ng	95
27) 2,4-Dimethylphenol	9.930	122	583547	52.012	ng	97
28) bis(2-Chloroethoxy)met...	10.160	93	784841	42.331	ng	99
29) 2,4-Dichlorophenol	10.401	162	578329	44.365	ng	99
30) 1,2,4-Trichlorobenzene	10.619	180	591980	39.950	ng	98
31) Naphthalene	10.807	128	1832091	41.738	ng	99
32) Benzoic acid	10.083	122	387648	41.782	ng	98
33) 4-Chloroaniline	10.913	127	296330	17.114	ng	99
34) Hexachlorobutadiene	11.095	225	363592	38.740	ng	100
35) Caprolactam	11.707	113	188035	41.495	ng	95
36) 4-Chloro-3-methylphenol	12.042	107	632917	42.368	ng	100
37) 2-Methylnaphthalene	12.413	142	1287177	41.095	ng	98
38) 1-Methylnaphthalene	12.636	142	1234830	40.302	ng	99
40) 1,2,4,5-Tetrachloroben...	12.789	216	658508	42.247	ng	99
41) Hexachlorocyclopentadiene	12.766	237	896664	99.351	ng	98
43) 2,4,6-Trichlorophenol	13.024	196	463428	43.064	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
 Data File : BM034380.D
 Acq On : 25 Mar 2022 11:16
 Operator : CG/JU
 Sample : PB143570BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB143570BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/28/2022
 Supervised By : Jagrut Upadhyay 03/28/2022

Quant Time: Mar 26 05:38:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 02:40:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	501474	43.415	ng	99
46) 1,1'-Biphenyl	13.424	154	1689129	42.890	ng	99
47) 2-Chloronaphthalene	13.466	162	1283211	42.449	ng	98
48) 2-Nitroaniline	13.660	65	417268	45.150	ng	99
49) Acenaphthylene	14.307	152	2156663	45.773	ng	100
50) Dimethylphthalate	14.042	163	1623246	41.292	ng	100
51) 2,6-Dinitrotoluene	14.160	165	362421	44.948	ng	93
52) Acenaphthene	14.648	154	1466195m	46.199	ng	
53) 3-Nitroaniline	14.483	138	202250	25.001	ng	100
54) 2,4-Dinitrophenol	14.695	184	399930	88.527	ng	99
55) Dibenzofuran	14.983	168	1912444	40.436	ng	98
56) 4-Nitrophenol	14.801	139	557540	85.015	ng	96
57) 2,4-Dinitrotoluene	14.948	165	482481	44.268	ng	93
58) Fluorene	15.630	166	1594917	41.539	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.212	232	418343	40.164	ng	100
60) Diethylphthalate	15.401	149	1664198	41.263	ng	100
61) 4-Chlorophenyl-phenyle...	15.624	204	788473	40.222	ng	99
62) 4-Nitroaniline	15.642	138	320579	41.195	ng	97
63) Azobenzene	15.912	77	1603235	41.223	ng	98
65) 4,6-Dinitro-2-methylph...	15.712	198	260772	40.372	ng	97
66) n-Nitrosodiphenylamine	15.836	169	1369556	43.397	ng	98
67) 4-Bromophenyl-phenylether	16.512	248	481062	42.127	ng	97
68) Hexachlorobenzene	16.636	284	541469	42.512	ng	98
69) Atrazine	16.783	200	488799	46.990	ng	99
70) Pentachlorophenol	16.977	266	691713	84.924	ng	99
71) Phenanthrene	17.365	178	2335521	41.983	ng	99
72) Anthracene	17.459	178	2361844	43.620	ng	100
73) Carbazole	17.724	167	2074704	41.085	ng	99
74) Di-n-butylphthalate	18.289	149	2759744	43.961	ng	99
75) Fluoranthene	19.377	202	2513838	40.310	ng	97
77) Benzidine	19.559	184	724094	62.293	ng	98
78) Pyrene	19.742	202	2542810	45.500	ng	100
80) Butylbenzylphthalate	20.630	149	1121225	47.440	ng	98
81) Benzo(a)anthracene	21.483	228	2137181	42.689	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	538059	32.177	ng	98
83) Chrysene	21.536	228	2042800	39.957	ng	99
84) Bis(2-ethylhexyl)phtha...	21.406	149	1639025	46.962	ng	100
85) Di-n-octyl phthalate	22.336	149	2593823	46.819	ng	99
87) Indeno(1,2,3-cd)pyrene	26.441	276	1799506	40.286	ng	98
88) Benzo(b)fluoranthene	23.177	252	1865947	44.938	ng	99
89) Benzo(k)fluoranthene	23.230	252	1969014	44.765	ng	100
90) Benzo(a)pyrene	23.812	252	1787134	50.771	ng	99
91) Dibenzo(a,h)anthracene	26.459	278	1580269	43.631	ng	99
92) Benzo(g,h,i)perylene	27.218	276	1581080	42.175	ng	98

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

Manual Integrations

Reviewed By :Christian Giraldo	03/28/2022
Supervised By :Jagrut Upadhyay	03/28/2022

Abundance

TIC: BM034380.D\data.ms

Time-->

1,4-Dioxane
n-Nitrosodimethylamine,
Benzaldehyde,C
Phenylacetylene
bis(2-chloroethoxy)methane
1,4-dichlorobenzene,C
1,4-dichlorobenzene,S
2,2'-oxybis[1-chloroethanol]
3-methylphenol,C
Hexachlorocyclopentadiene,P
Nitrobenzene-d5,S
Isophorone
2-nitrophenol,C
Benzoic acid
2,4-dichlorophenol,C
2,4-dichlorophenol,S
Naphthalene-d1-4-Trihydroxide
Hexachlorobutadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylnaphthalene
1,2,4-trichlorobenzene
2,4,6-Trichlorophenol,C
2-Chloronaphthalene
2-Nitroaniline
2,6-Dinitrotoluene
Acenaphthylene
Acenaphthene,C
Dibenzofuran
2,3,4,6-Tetrachlorophthalate
4,6-Dinitro-2-methylphenol
Azobenzene
n-Nitrosodiphenylamine,C
2,4,6-Tribromophenol,S
Fluorene-9-Chlorophenyl-phenylether
Heptachlorobenzene-phenylether
Atrazine
Pentachlorophenol,C
Phenanthrene-4,10-I
Carbazole
Di-n-butylphthalate
Benzidine
Fluoranthene,C
Pyrene
Butylbenzylphthalate
Chrysene-d12
Chrysene-d14
Benzo(a)anthracene
3,3'-Dichlorobenzidyl-ethylhexylphthalate
Di-n-octyl phthalate,c
Benzo(g,h,i)perylene
Benzo(a)pyrene,C
Perylene-d12,l
Indeno(1,2,3-a,b)pyrene
Benzo(g,h,i)perylene