

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020922\
 Data File : BM034031.D
 Acq On : 09 Feb 2022 16:33
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

ICVBM020922

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 02/10/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

Quant Time: Feb 09 17:58:08 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020922.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 09 17:52:36 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	153652	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	608670	20.000	ng	# 0.00
39) Acenaphthene-d10	14.544	164	377635	20.000	ng	0.00
64) Phenanthrene-d10	17.270	188	714131	20.000	ng	# 0.00
76) Chrysene-d12	21.437	240	627498	20.000	ng	# 0.00
86) Perylene-d12	23.825	264	632283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	729930	76.921	ng	0.00
7) Phenol-d6	7.066	99	922551	79.749	ng	0.00
23) Nitrobenzene-d5	9.071	82	1003744	77.460	ng	0.00
42) 2,4,6-Tribromophenol	16.031	330	352606	84.349	ng	0.00
45) 2-Fluorobiphenyl	13.170	172	2229200	77.503	ng	0.00
79) Terphenyl-d14	19.883	244	2536847	79.957	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	127702m	33.279	ng	
3) Pyridine	3.710	79	421457	36.668	ng	# 73
4) n-Nitrosodimethylamine	3.620	42	139518	33.653	ng	# 22
6) Aniline	7.224	93	529138	40.416	ng	90
8) 2-Chlorophenol	7.449	128	361847	38.317	ng	98
9) Benzaldehyde	7.021	77	250078	37.747	ng	98
10) Phenol	7.089	94	476232	39.929	ng	87
11) bis(2-Chloroethyl)ether	7.314	93	379877	39.033	ng	90
12) 1,3-Dichlorobenzene	7.787	146	433392	38.477	ng	96
13) 1,4-Dichlorobenzene	7.945	146	419525	38.582	ng	95
14) 1,2-Dichlorobenzene	8.260	146	413429	37.785	ng	96
15) Benzyl Alcohol	8.147	79	360495	40.453	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.440	45	412166	39.302	ng	84
17) 2-Methylphenol	8.350	107	319674	41.081	ng	93
18) Hexachloroethane	8.981	117	157847	38.404	ng	90
19) n-Nitroso-di-n-propyla...	8.710	70	318472	42.666	ng	# 81
20) 3+4-Methylphenols	8.665	107	438677	40.873	ng	96
22) Acetophenone	8.733	105	582645	38.277	ng	# 82
24) Nitrobenzene	9.093	77	429696	37.121	ng	96
25) Isophorone	9.634	82	761928	40.274	ng	99
26) 2-Nitrophenol	9.814	139	199615	40.710	ng	91
27) 2,4-Dimethylphenol	9.882	122	343805	40.088	ng	94
28) bis(2-Chloroethoxy)met...	10.107	93	490512	39.227	ng	97
29) 2,4-Dichlorophenol	10.355	162	366058	40.727	ng	99
30) 1,2,4-Trichlorobenzene	10.580	180	412097	37.737	ng	98
31) Naphthalene	10.760	128	1199896	37.923	ng	99
32) Benzoic acid	10.017	122	252133	40.739	ng	89
33) 4-Chloroaniline	10.873	127	488888	39.453	ng	# 88
34) Hexachlorobutadiene	11.053	225	260561	37.485	ng	97
35) Caprolactam	11.639	113	106394	42.445	ng	# 78
36) 4-Chloro-3-methylphenol	11.999	107	404897	41.304	ng	# 87
37) 2-Methylnaphthalene	12.382	142	790602	39.170	ng	95
38) 1-Methylnaphthalene	12.585	142	795565	39.474	ng	99
40) 1,2,4,5-Tetrachloroben...	12.743	216	465902	37.009	ng	98
41) Hexachlorocyclopentadiene	12.720	237	253126	38.525	ng	98
43) 2,4,6-Trichlorophenol	12.968	196	290048	40.043	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.058	196	312602	38.362	ng	# 85
46) 1,1'-Biphenyl	13.373	154	1086111	37.564	ng	99
47) 2-Chloronaphthalene	13.418	162	909390	39.184	ng	100
48) 2-Nitroaniline	13.621	65	253533	39.961	ng	# 70
49) Acenaphthylene	14.252	152	1203285	37.905	ng	98
50) Dimethylphthalate	14.004	163	1106890	40.905	ng	98
51) 2,6-Dinitrotoluene	14.117	165	234064	41.711	ng	# 73
52) Acenaphthene	14.612	154	832729	38.252	ng	99
53) 3-Nitroaniline	14.432	138	222077	39.584	ng	94
54) 2,4-Dinitrophenol	14.635	184	115857	38.709	ng	# 74
55) Dibenzofuran	14.927	168	1179323	37.459	ng	92
56) 4-Nitrophenol	14.747	139	192435	39.473	ng	# 68
57) 2,4-Dinitrotoluene	14.905	165	296956	42.627	ng	# 58
58) Fluorene	15.581	166	1076171	38.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	265636	39.987	ng	# 34
60) Diethylphthalate	15.355	149	1202761	41.507	ng	98
61) 4-Chlorophenyl-phenyle...	15.581	204	602711	39.558	ng	95
62) 4-Nitroaniline	15.603	138	242521	41.872	ng	# 80
63) Azobenzene	15.873	77	1006013	36.970	ng	79
65) 4,6-Dinitro-2-methylph...	15.671	198	163237	39.920	ng	# 44
66) n-Nitrosodiphenylamine	15.783	169	857033	38.536	ng	99
67) 4-Bromophenyl-phenylether	16.482	248	290462	38.669	ng	# 77
68) Hexachlorobenzene	16.594	284	375568	40.009	ng	# 85
69) Atrazine	16.729	200	270858	40.304	ng	96
70) Pentachlorophenol	16.932	266	246651	42.727	ng	97
71) Phenanthrene	17.315	178	1622843	39.257	ng	99
72) Anthracene	17.405	178	1601748	39.596	ng	99
73) Carbazole	17.676	167	1635745	39.840	ng	99
74) Di-n-butylphthalate	18.239	149	1812793	40.975	ng	99
75) Fluoranthene	19.320	202	1630873	39.876	ng	95
77) Benzidine	19.500	184	518842	46.286	ng	99
78) Pyrene	19.680	202	1580821	39.501	ng	98
80) Butylbenzylphthalate	20.581	149	1025338	39.371	ng	90
81) Benzo(a)anthracene	21.437	228	1603791	37.048	ng	100
82) 3,3'-Dichlorobenzidine	21.370	252	520809	44.803	ng	# 95
83) Chrysene	21.482	228	1887573m	40.108	ng	
84) Bis(2-ethylhexyl)phtha...	21.347	149	803581	38.835	ng	# 93
85) Di-n-octyl phthalate	22.271	149	2251017	44.268	ng	# 87
87) Indeno(1,2,3-cd)pyrene	26.325	276	1830945	39.815	ng	100
88) Benzo(b)fluoranthene	23.104	252	1765416m	41.021	ng	
89) Benzo(k)fluoranthene	23.149	252	1562779m	43.835	ng	
90) Benzo(a)pyrene	23.735	252	1371894	41.645	ng	# 96
91) Dibenzo(a,h)anthracene	26.325	278	1520078	40.228	ng	# 95
92) Benzo(g,h,i)perylene	27.091	276	1492442	39.479	ng	98

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

Manual Integrations

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

Abundance

TIC: BM034031.D\data.ms

Time-->

1,4-Dioxane
n-Nitrosodimethylaniline,
2-Fluorophenol,S
Phenol-d6,S
Benzaldehyde-d4,C
bis(2-chlorophenyl)ether
1,4-Dichlorobenzene
2,4-Dichlorobenzene
Benzaldehyde
2,2'-oxybis(1,4-dichlorobenzene)
Hexachlorocyclopentadiene
Nitrobenzene
Nitrobenzene-d5,S
Isophorone
2-Nitrophenol,C
2,4-Dimethylphenol
Benzoin
Chloroethoxymethane
2,4-Dichlorophenol,C
Naphthalene
1,2,4-Trichlorobenzene
Naphthalene-d6
4-Chloroaniline
Hexachlorobutadiene,C
Caprolactam
4-Chloro-3-methylphenol,C
2-Methylnaphthalene
4-Chloro-2-methylphenol,C
2-Methyl-5-nitrophenol,C
2,4,6-Trichlorophenol,C
2-Nitroaniline
Dimethylphthalate
2,6-Dimethylphenylene
3-Nitroaniline
2,4-Dinitrophenol,C
2,4,6-Trinitrophenol,C
Dibenzofuran
2,3,5-Trichlorophenol
4,6-Dinitro-2-methylphenol
Nitroaniline
2,4,6-Trinitrophenol,S
4-Bromophenylphenylether
Atrazine
Hexachlorobenzene
Pentachlorophenol,C
Phenanthrene-d10
Phenanthrene
Anthracene
Carbazole
Di-n-butylphthalate
Fluoranthene,C
Pyrene
Benzidine
Butylbenzylphthalate
Bis(2-ethylhexyl)phthalate
Chrysene
Di-n-octyl phthalate,c
Benzo(a)fluoranthene
Benzo(a)pyrene,C
Perylene-d12
Benzo(a)pyrene,C
Benzo(g,h,i)perylene
Dibenz(a,h)pyrene