Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050824\
Data File : BM045706.D
Acq On : 08 May 2024 10:23
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 05/10/2024
Supervised By :mohammad ahmed 05/10/2024

Quant Time: May 08 14:53:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM050824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 08 14:48:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.645	152	595593	20.000	ng		0.00
21) Naphthalene-d8	10.416	136	2704438	20.000	ng		0.00
39) Acenaphthene-d10	14.280	164	1733483	20.000	ng		0.00
64) Phenanthrene-d10	17.027	188	3605481	20.000	ng		0.00
76) Chrysene-d12	21.215	240	3367811	20.000	ng		0.00
86) Perylene-d12	23.415	264	3923010	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.251	112	357166	9.972	ng		0.00
7) Phenol-d6	6.810	99	470839	9.695	ng		-0.01
23) Nitrobenzene-d5	8.787	82	441990	9.356	ng		0.00
42) 2,4,6-Tribromophenol	15.768	330	144563	8.513	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	1140534	10.707	ng		0.00
79) Terphenyl-d14	19.668	244	1882291	9.144	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	73029	5.365	ng		96
3) Pyridine	3.604	79	195090	4.847	ng		99
4) n-Nitrosodimethylamine	3.522	42	104855	4.977	ng	#	95
6) Aniline	6.975	93	237703	4.937	ng		98
8) 2-Chlorophenol	7.210	128	198066	4.990	ng		99
9) Benzaldehyde	6.793	77	171912	4.728	ng		98
10) Phenol	6.840	94	239916	4.893	ng		99
11) bis(2-Chloroethyl)ether	7.081	93	210528	5.066	ng		98
12) 1,3-Dichlorobenzene	7.534	146	229397	5.148	ng		97
13) 1,4-Dichlorobenzene	7.681	146	232053	5.143	ng		99
14) 1,2-Dichlorobenzene	7.992	146	224670	5.206	ng		98
15) Benzyl Alcohol	7.875	79	167437	4.871	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	329884	5.148	ng		99
17) 2-Methylphenol	8.081	107	165391	4.965	ng		99
18) Hexachloroethane	8.716	117	89151	5.081	ng		90
19) n-Nitroso-di-n-propyla...	8.445	70	168323	5.049	ng		99
20) 3+4-Methylphenols	8.404	107	223498	4.805	ng		97
22) Acetophenone	8.457	105	327732	5.090	ng	#	96
24) Nitrobenzene	8.828	77	229723	4.885	ng		97
25) Isophorone	9.351	82	483344	5.124	ng		99
26) 2-Nitrophenol	9.534	139	59893	7.531	ng		94
27) 2,4-Dimethylphenol	9.604	122	144352	5.061	ng		99
28) bis(2-Chloroethoxy)met...	9.845	93	295093	5.122	ng		99
29) 2,4-Dichlorophenol	10.063	162	164655	4.630	ng		99
30) 1,2,4-Trichlorobenzene	10.286	180	203275	5.053	ng		99
31) Naphthalene	10.469	128	704664	5.156	ng		99
33) 4-Chloroaniline	10.575	127	270773	4.993	ng		99
34) Hexachlorobutadiene	10.769	225	116619	5.081	ng		96
35) Caprolactam	11.304	113	61846	4.606	ng		94
36) 4-Chloro-3-methylphenol	11.698	107	191496	4.578	ng		97
37) 2-Methylnaphthalene	12.086	142	476936	5.102	ng		100
38) 1-Methylnaphthalene	12.310	142	474604	5.135	ng		98
40) 1,2,4,5-Tetrachloroben...	12.457	216	213719	5.000	ng		100
41) Hexachlorocyclopentadiene	12.451	237	66595	4.411	ng		99
43) 2,4,6-Trichlorophenol	12.698	196	119514	4.325	ng		95
44) 2,4,5-Trichlorophenol	12.763	196	132972	4.326	ng		96

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Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :mohammad ahmed 05/10/2024

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.116	154	615064	5.116	ng		97
47)	2-Chloronaphthalene	13.145	162	481583	5.115	ng		99
48)	2-Nitroaniline	13.345	65	89646	6.597	ng		97
49)	Acenaphthylene	13.998	152	730659	5.081	ng		100
50)	Dimethylphthalate	13.751	163	596923	5.049	ng		99
51)	2,6-Dinitrotoluene	13.851	165	92409	3.900	ng		92
52)	Acenaphthene	14.345	154	460900m	5.081	ng		
53)	3-Nitroaniline	14.174	138	101340	3.816	ng	#	94
54)	2,4-Dinitrophenol	14.380	184	20120	5.256	ng		96
55)	Dibenzofuran	14.680	168	711097	5.164	ng		99
56)	4-Nitrophenol	14.480	139	74704	6.510	ng		96
57)	2,4-Dinitrotoluene	14.639	165	103933	6.439	ng		95
58)	Fluorene	15.333	166	595868	5.103	ng		98
59)	2,3,4,6-Tetrachlorophenol	14.904	232	110049	4.341	ng		99
60)	Diethylphthalate	15.127	149	646047	5.039	ng		99
61)	4-Chlorophenyl-phenyle...	15.339	204	284897	5.149	ng		97
62)	4-Nitroaniline	15.333	138	114457	3.961	ng		94
63)	Azobenzene	15.627	77	649207	5.208	ng		98
66)	n-Nitrosodiphenylamine	15.551	169	499927	5.066	ng		100
67)	4-Bromophenyl-phenylether	16.233	248	169265	4.920	ng		98
68)	Hexachlorobenzene	16.333	284	202782	5.056	ng		93
69)	Atrazine	16.510	200	152198	5.086	ng		99
71)	Phenanthrene	17.068	178	877615	5.147	ng		100
72)	Anthracene	17.157	178	881114	5.177	ng		100
73)	Carbazole	17.421	167	898821	5.196	ng		99
74)	Di-n-butylphthalate	18.027	149	1107666	5.186	ng		99
75)	Fluoranthene	19.086	202	1058648	5.318	ng		98
77)	Benzidine	19.274	184	264409	2.735	ng		98
78)	Pyrene	19.445	202	1110292	5.123	ng		99
80)	Butylbenzylphthalate	20.386	149	335776	6.566	ng		95
81)	Benzo(a)anthracene	21.203	228	1101360	5.229	ng		99
82)	3,3'-Dichlorobenzidine	21.139	252	345550	4.402	ng		100
83)	Chrysene	21.250	228	1022620	5.278	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.186	149	642840	4.180	ng		99
85)	Di-n-octyl phthalate	22.068	149	1104878	4.622	ng		97
87)	Indeno(1,2,3-cd)pyrene	25.615	276	1259490	5.007	ng		99
88)	Benzo(b)fluoranthene	22.762	252	1109090	4.827	ng		100
89)	Benzo(k)fluoranthene	22.803	252	1087183	5.001	ng		99
90)	Benzo(a)pyrene	23.315	252	976051	4.836	ng		99
91)	Dibenzo(a,h)anthracene	25.632	278	1056258	5.061	ng		99
92)	Benzo(g,h,i)perylene	26.274	276	1045331	5.128	ng		99

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

Quantitation Report   (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050824\
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Manual Integrations APPROVED

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Supervised By :mohammad ahmed   05/10/2024