Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051324\
Data File : BM045719.D
Acq On : 13 May 2024 18:37
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 14 02:27:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 02:21:04 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.587	152	104895	20.000	ng		0.00
21) Naphthalene-d8	10.357	136	478315	20.000	ng		0.00
39) Acenaphthene-d10	14.216	164	319319	20.000	ng		0.00
64) Phenanthrene-d10	16.962	188	770221	20.000	ng		0.00
76) Chrysene-d12	21.180	240	415448	20.000	ng		0.00
86) Perylene-d12	23.985	264	426197	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	236653	38.717	ng		0.00
7) Phenol-d6	6.869	99	280824	37.676	ng		0.00
23) Nitrobenzene-d5	8.751	82	418228	40.159	ng		0.00
42) 2,4,6-Tribromophenol	15.715	330	165957	38.063	ng		0.00
45) 2-Fluorobiphenyl	12.839	172	885686	38.229	ng		0.00
79) Terphenyl-d14	19.598	244	1685039	39.583	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.216	88	31132	18.684	ng		97
3) Pyridine	3.663	79	139188m	21.228	ng		
4) n-Nitrosodimethylamine	3.528	42	68168	19.732	ng	#	92
6) Aniline	6.969	93	125601	20.435	ng		99
8) 2-Chlorophenol	7.192	128	106062	18.795	ng		97
9) Benzaldehyde	6.769	77	121230	22.726	ng		98
10) Phenol	6.892	94	133725	19.248	ng		98
11) bis(2-Chloroethyl)ether	7.045	93	121283	19.604	ng		96
12) 1,3-Dichlorobenzene	7.475	146	154327	20.177	ng		97
13) 1,4-Dichlorobenzene	7.622	146	158273	20.114	ng		99
14) 1,2-Dichlorobenzene	7.939	146	141288	20.121	ng		100
15) Benzyl Alcohol	7.887	79	134240	19.518	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.139	45	121557	19.927	ng		86
17) 2-Methylphenol	8.110	107	95704	19.276	ng		98
18) Hexachloroethane	8.651	117	67635	19.974	ng		94
19) n-Nitroso-di-n-propyla...	8.434	70	109499	19.557	ng		99
20) 3+4-Methylphenols	8.439	107	130300	18.572	ng	#	84
22) Acetophenone	8.439	105	198792	18.448	ng		100
24) Nitrobenzene	8.798	77	205036	20.346	ng		99
25) Isophorone	9.357	82	299262	19.876	ng		100
26) 2-Nitrophenol	9.498	139	64067	18.723	ng		98
27) 2,4-Dimethylphenol	9.610	122	81270	18.905	ng		99
28) bis(2-Chloroethoxy)met...	9.810	93	164730	18.907	ng		98
29) 2,4-Dichlorophenol	10.051	162	123015	19.447	ng		99
30) 1,2,4-Trichlorobenzene	10.216	180	152039	19.862	ng		99
31) Naphthalene	10.404	128	475294	20.084	ng		99
32) Benzoic acid	9.839	122	76145m	18.049	ng		
33) 4-Chloroaniline	10.575	127	172015	20.250	ng		98
34) Hexachlorobutadiene	10.692	225	94798	19.429	ng		98
35) Caprolactam	11.516	113	37507	18.182	ng		99
36) 4-Chloro-3-methylphenol	11.733	107	152111	19.588	ng		96
37) 2-Methylnaphthalene	12.022	142	346956	20.046	ng		99
38) 1-Methylnaphthalene	12.239	142	341774	20.055	ng		98
40) 1,2,4,5-Tetrachloroben...	12.386	216	166337	19.625	ng		99
41) Hexachlorocyclopentadiene	12.374	237	74187	19.964	ng		95
43) 2,4,6-Trichlorophenol	12.669	196	111309	20.021	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.757	196	124497	19.944	ng		98
46)	1,1'-Biphenyl	13.051	154	457607	19.951	ng		99
47)	2-Chloronaphthalene	13.080	162	355982	20.065	ng		99
48)	2-Nitroaniline	13.339	65	121405	20.845	ng		99
49)	Acenaphthylene	13.939	152	546281	19.808	ng		100
50)	Dimethylphthalate	13.721	163	465489	20.002	ng		99
51)	2,6-Dinitrotoluene	13.821	165	100601	19.988	ng		95
52)	Acenaphthene	14.280	154	338528	19.793	ng		98
53)	3-Nitroaniline	14.180	138	98298	19.870	ng		99
54)	2,4-Dinitrophenol	14.357	184	50717	20.442	ng		95
55)	Dibenzofuran	14.621	168	553915	19.526	ng		98
56)	4-Nitrophenol	14.563	139	87167	20.474	ng		97
57)	2,4-Dinitrotoluene	14.610	165	147967	19.405	ng		95
58)	Fluorene	15.268	166	491290	19.268	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.874	232	116371	20.307	ng		99
60)	Diethylphthalate	15.086	149	533547	20.165	ng		99
61)	4-Chlorophenyl-phenyle...	15.274	204	240707	19.467	ng		98
62)	4-Nitroaniline	15.357	138	109849	20.384	ng		99
63)	Azobenzene	15.563	77	536771	20.679	ng		99
65)	4,6-Dinitro-2-methylph...	15.363	198	76832	20.034	ng		90
66)	n-Nitrosodiphenylamine	15.498	169	387537	19.392	ng		99
67)	4-Bromophenyl-phenylether	16.162	248	145833	19.117	ng		97
68)	Hexachlorobenzene	16.262	284	176443	19.241	ng		96
69)	Atrazine	16.480	200	133142	21.144	ng		97
70)	Pentachlorophenol	16.633	266	111617	19.214	ng		98
71)	Phenanthrene	17.004	178	767446	19.761	ng		99
72)	Anthracene	17.092	178	733249	19.599	ng		100
73)	Carbazole	17.386	167	726218	20.014	ng		99
74)	Di-n-butylphthalate	17.956	149	926065	19.632	ng		99
75)	Fluoranthene	19.021	202	923424	19.540	ng		99
77)	Benzidine	19.245	184	109283	12.064	ng		98
78)	Pyrene	19.380	202	917126	21.640	ng		99
80)	Butylbenzylphthalate	20.309	149	392894	21.959	ng		97
81)	Benzo(a)anthracene	21.162	228	559559	19.681	ng		99
82)	3,3'-Dichlorobenzidine	21.109	252	208710	19.701	ng		100
83)	Chrysene	21.221	228	499091	19.142	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.109	149	417155	19.152	ng		99
85)	Di-n-octyl phthalate	22.174	149	549288	19.168	ng		99
87)	Indeno(1,2,3-cd)pyrene	27.097	276	537100	20.027	ng	#	100
88)	Benzo(b)fluoranthene	23.103	252	515317	18.706	ng		98
89)	Benzo(k)fluoranthene	23.162	252	489160	19.385	ng		99
90)	Benzo(a)pyrene	23.850	252	441450	18.474	ng		99
91)	Dibenzo(a,h)anthracene	27.150	278	447098	19.786	ng		99
92)	Benzo(g,h,i)perylene	28.068	276	469157	20.186	ng		100

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

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