Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052622\
Data File : BM035269.D
Acq On : 26 May 2022 15:44
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 26 17:20:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 26 17:12:37 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.881	152	149003	20.000	ng		0.00
21) Naphthalene-d8	10.686	136	634108	20.000	ng		0.00
39) Acenaphthene-d10	14.521	164	466242	20.000	ng		0.00
64) Phenanthrene-d10	17.262	188	1073139	20.000	ng		0.00
76) Chrysene-d12	21.450	240	1214374	20.000	ng	#	0.00
86) Perylene-d12	23.821	264	1212236	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	770213	91.195	ng		0.00
7) Phenol-d6	7.057	99	1094729	100.406	ng		0.00
23) Nitrobenzene-d5	9.045	82	1162721	99.019	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	702421	138.496	ng		0.00
45) 2-Fluorobiphenyl	13.151	172	3196598	99.528	ng		0.00
79) Terphenyl-d14	19.892	244	5978364	95.320	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	136442	39.926	ng		93
3) Pyridine	3.763	79	416064m	43.698	ng		
4) n-Nitrosodimethylamine	3.675	42	199132	42.418	ng		90
6) Aniline	7.210	93	604527	48.269	ng		99
8) 2-Chlorophenol	7.451	128	460513	48.991	ng		95
9) Benzaldehyde	7.022	77	246688m	34.763	ng		
10) Phenol	7.087	94	528372	47.385	ng		99
11) bis(2-Chloroethyl)ether	7.310	93	409532	48.786	ng		96
12) 1,3-Dichlorobenzene	7.769	146	510811	47.973	ng		98
13) 1,4-Dichlorobenzene	7.916	146	524934	48.170	ng		100
14) 1,2-Dichlorobenzene	8.234	146	518323	49.960	ng		100
15) Benzyl Alcohol	8.128	79	428866	52.634	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.422	45	555726	40.849	ng		95
17) 2-Methylphenol	8.334	107	387042	51.117	ng		98
18) Hexachloroethane	8.963	117	184134	46.036	ng		90
19) n-Nitroso-di-n-propyla...	8.698	70	372163	52.140	ng		93
20) 3+4-Methylphenols	8.663	107	551029	53.189	ng		98
22) Acetophenone	8.710	105	749022	48.773	ng	#	96
24) Nitrobenzene	9.086	77	526614	44.583	ng		97
25) Isophorone	9.622	82	954105	48.598	ng		97
26) 2-Nitrophenol	9.798	139	294640	57.164	ng		97
27) 2,4-Dimethylphenol	9.869	122	397677	50.034	ng		97
28) bis(2-Chloroethoxy)met...	10.098	93	605966	53.632	ng		99
29) 2,4-Dichlorophenol	10.339	162	518970	55.381	ng		98
30) 1,2,4-Trichlorobenzene	10.551	180	585764	55.224	ng		98
31) Naphthalene	10.733	128	1542202	47.146	ng		100
32) Benzoic acid	10.057	122	402824	63.173	ng		97
33) 4-Chloroaniline	10.845	127	672015	51.071	ng		97
34) Hexachlorobutadiene	11.028	225	382816	58.454	ng		99
35) Caprolactam	11.663	113	175291	64.766	ng	#	86
36) 4-Chloro-3-methylphenol	11.980	107	551003	56.823	ng		99
37) 2-Methylnaphthalene	12.345	142	1154657	50.943	ng		98
38) 1-Methylnaphthalene	12.563	142	1142721	51.627	ng		100
40) 1,2,4,5-Tetrachloroben...	12.716	216	724044	54.538	ng	#	97
41) Hexachlorocyclopentadiene	12.698	237	378571	47.627	ng		98
43) 2,4,6-Trichlorophenol	12.957	196	501578	55.810	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.033	196	541388	54.248	ng		95
46)	1,1'-Biphenyl	13.357	154	1627976	46.348	ng		99
47)	2-Chloronaphthalene	13.398	162	1273361	46.518	ng		99
48)	2-Nitroaniline	13.604	65	367915	46.722	ng		95
49)	Acenaphthylene	14.245	152	1999461	47.443	ng		100
50)	Dimethylphthalate	13.986	163	1752048	50.403	ng		99
51)	2,6-Dinitrotoluene	14.104	165	371081	52.433	ng		86
52)	Acenaphthene	14.586	154	1200084	42.029	ng		98
53)	3-Nitroaniline	14.433	138	383071	50.449	ng		96
54)	2,4-Dinitrophenol	14.639	184	272885	65.553	ng		87
55)	Dibenzofuran	14.921	168	2040364	50.053	ng		97
56)	4-Nitrophenol	14.745	139	321184	51.786	ng		95
57)	2,4-Dinitrotoluene	14.892	165	536418	56.546	ng		90
58)	Fluorene	15.568	166	1670741	49.342	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.151	232	515890	60.805	ng	#	87
60)	Diethylphthalate	15.351	149	1798802	50.807	ng		97
61)	4-Chlorophenyl-phenyle...	15.563	204	919033	56.714	ng		94
62)	4-Nitroaniline	15.598	138	419987	53.415	ng		98
63)	Azobenzene	15.857	77	1441133	44.630	ng		95
65)	4,6-Dinitro-2-methylph...	15.657	198	393679	61.367	ng		90
66)	n-Nitrosodiphenylamine	15.780	169	1475682	45.374	ng		100
67)	4-Bromophenyl-phenylether	16.457	248	600428	55.043	ng		92
68)	Hexachlorobenzene	16.580	284	656805	53.331	ng	#	88
69)	Atrazine	16.739	200	563281	51.588	ng		96
70)	Pentachlorophenol	16.921	266	438766	56.861	ng		99
71)	Phenanthrene	17.309	178	2738664	45.790	ng		100
72)	Anthracene	17.398	178	2723565	47.161	ng		99
73)	Carbazole	17.674	167	2666274	50.551	ng		98
74)	Di-n-butylphthalate	18.239	149	3238595	48.259	ng		99
75)	Fluoranthene	19.327	202	3459613	52.679	ng		97
77)	Benzidine	19.503	184	891937	24.043	ng		99
78)	Pyrene	19.686	202	3563422	44.373	ng		99
80)	Butylbenzylphthalate	20.586	149	1578775	44.789	ng		93
81)	Benzo(a)anthracene	21.439	228	3818125	47.119	ng		100
82)	3,3'-Dichlorobenzidine	21.368	252	959185	40.613	ng	#	99
83)	Chrysene	21.492	228	3587477	46.351	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.368	149	2358852	43.518	ng	#	96
85)	Di-n-octyl phthalate	22.286	149	4107557	45.968	ng		96
87)	Indeno(1,2,3-cd)pyrene	26.291	276	3877615	42.072	ng	#	95
88)	Benzo(b)fluoranthene	23.103	252	3662292	48.033	ng		99
89)	Benzo(k)fluoranthene	23.156	252	3668343m	47.529	ng		
90)	Benzo(a)pyrene	23.721	252	3063316	48.361	ng	#	97
91)	Dibenzo(a,h)anthracene	26.303	278	3256183	42.118	ng	#	96
92)	Benzo(g,h,i)perylene	27.044	276	3077727	41.432	ng		96

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

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