Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112421\
Data File : BM033246.D
Acq On : 24 Nov 2021 13:25
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 24 14:42:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 24 14:37:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	133381	20.000	ng		0.00
21) Naphthalene-d8	10.737	136	504333	20.000	ng	#	0.00
39) Acenaphthene-d10	14.560	164	319146	20.000	ng		0.00
64) Phenanthrene-d10	17.295	188	667477	20.000	ng	#	0.00
76) Chrysene-d12	21.453	240	653242	20.000	ng	#	0.00
86) Perylene-d12	23.789	264	656052	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.507	112	893598	116.800	ng		0.00
7) Phenol-d6	7.101	99	1193028	104.713	ng		0.00
23) Nitrobenzene-d5	9.101	82	1230734	133.566	ng		0.00
42) 2,4,6-Tribromophenol	16.042	330	405475	113.444	ng		0.00
45) 2-Fluorobiphenyl	13.189	172	2484025	120.719	ng		0.00
79) Terphenyl-d14	19.907	244	3677974	122.925	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.425	88	186605	57.158	ng	#	77
3) Pyridine	3.825	79	505500m	56.396	ng		
4) n-Nitrosodimethylamine	3.737	42	247327	65.021	ng	#	64
6) Aniline	7.272	93	678294	53.321	ng		98
8) 2-Chlorophenol	7.501	128	462414	51.873	ng		96
10) Phenol	7.125	94	602356	55.084	ng		92
11) bis(2-Chloroethyl)ether	7.366	93	460297	53.312	ng		99
12) 1,3-Dichlorobenzene	7.825	146	540388	54.865	ng		94
13) 1,4-Dichlorobenzene	7.972	146	547397	54.250	ng		97
14) 1,2-Dichlorobenzene	8.290	146	527534	53.128	ng		98
15) Benzyl Alcohol	8.178	79	476197	58.718	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.466	45	791533	63.779	ng		94
17) 2-Methylphenol	8.372	107	398677	51.899	ng		94
18) Hexachloroethane	9.019	117	206331	57.829	ng		94
19) n-Nitroso-di-n-propyla...	8.748	70	399292	57.240	ng		94
20) 3+4-Methylphenols	8.701	107	547377	52.062	ng		96
22) Acetophenone	8.766	105	715219	58.056	ng	#	94
24) Nitrobenzene	9.143	77	585291	66.294	ng		98
25) Isophorone	9.666	82	973756	59.804	ng		99
26) 2-Nitrophenol	9.854	139	237795	57.695	ng	#	84
27) 2,4-Dimethylphenol	9.901	122	377625	55.683	ng		99
28) bis(2-Chloroethoxy)met...	10.142	93	623488	57.311	ng		99
29) 2,4-Dichlorophenol	10.378	162	436290	56.096	ng		98
30) 1,2,4-Trichlorobenzene	10.595	180	497501	57.555	ng		98
31) Naphthalene	10.789	128	1462187	55.855	ng		100
32) Benzoic acid	10.042	122	261892	47.753	ng		94
33) 4-Chloroaniline	10.895	127	583492	53.378	ng		98
34) Hexachlorobutadiene	11.066	225	307619	58.542	ng		98
35) Caprolactam	11.689	113	87972	33.731	ng		95
36) 4-Chloro-3-methylphenol	12.007	107	493933	55.516	ng		99
37) 2-Methylnaphthalene	12.389	142	1005738	54.664	ng		95
38) 1-Methylnaphthalene	12.607	142	977210	53.701	ng		97
40) 1,2,4,5-Tetrachloroben...	12.754	216	529026	59.960	ng	#	96
41) Hexachlorocyclopentadiene	12.731	237	292320	63.088	ng		98
43) 2,4,6-Trichlorophenol	12.995	196	363534	58.880	ng		94
44) 2,4,5-Trichlorophenol	13.060	196	389174	57.036	ng		93

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.395	154	1325985	57.494	ng		99
47)	2-Chloronaphthalene	13.442	162	1019293	57.567	ng		97
48)	2-Nitroaniline	13.642	65	361545	69.494	ng		97
49)	Acenaphthylene	14.283	152	1645600	57.926	ng		99
50)	Dimethylphthalate	14.019	163	1270170	54.699	ng		99
51)	2,6-Dinitrotoluene	14.136	165	267851	56.434	ng	#	76
52)	Acenaphthene	14.625	154	986847	58.316	ng		99
53)	3-Nitroaniline	14.472	138	296233	57.349	ng		94
54)	2,4-Dinitrophenol	14.672	184	153699	53.664	ng	#	69
55)	Dibenzofuran	14.960	168	1625400	57.215	ng		92
56)	4-Nitrophenol	14.766	139	247593	58.824	ng	#	80
57)	2,4-Dinitrotoluene	14.919	165	363499	56.537	ng	#	73
58)	Fluorene	15.607	166	1273760	59.806	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.177	232	341854	55.888	ng	#	84
60)	Diethylphthalate	15.377	149	1270774	54.592	ng		96
61)	4-Chlorophenyl-phenyle...	15.595	204	646483	57.412	ng		93
62)	4-Nitroaniline	15.630	138	314236	57.872	ng	#	80
63)	Azobenzene	15.889	77	1427836	64.111	ng		91
65)	4,6-Dinitro-2-methylph...	15.677	198	225463	53.585	ng		89
66)	n-Nitrosodiphenylamine	15.813	169	1102254	56.331	ng		98
67)	4-Bromophenyl-phenylether	16.489	248	395400	57.642	ng		91
68)	Hexachlorobenzene	16.601	284	424635	56.480	ng	#	84
69)	Atrazine	16.760	200	231663	35.264	ng		96
70)	Pentachlorophenol	16.942	266	282992	60.150	ng		99
71)	Phenanthrene	17.342	178	2032284	57.422	ng		100
72)	Anthracene	17.430	178	1995374	57.121	ng		100
73)	Carbazole	17.701	167	1997393	57.378	ng		98
74)	Di-n-butylphthalate	18.254	149	2190852	57.390	ng	#	98
75)	Fluoranthene	19.342	202	2374785	58.484	ng		97
77)	Benzidine	19.530	184	411465	22.984	ng		99
78)	Pyrene	19.707	202	2435546	55.651	ng		99
80)	Butylbenzylphthalate	20.595	149	1004893	57.127	ng		96
81)	Benzo(a)anthracene	21.442	228	2346213	56.296	ng		99
82)	3,3'-Dichlorobenzidine	21.377	252	1058981	80.935	ng		98
83)	Chrysene	21.495	228	2266438	55.355	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.359	149	1410895	60.129	ng		95
85)	Di-n-octyl phthalate	22.265	149	2374609	56.745	ng		98
87)	Indeno(1,2,3-cd)pyrene	26.188	276	2515626	62.042	ng		98
88)	Benzo(b)fluoranthene	23.083	252	2251496	56.367	ng		99
89)	Benzo(k)fluoranthene	23.130	252	2228379	57.231	ng		99
90)	Benzo(a)pyrene	23.689	252	1898337	57.520	ng		99
91)	Dibenzo(a,h)anthracene	26.194	278	2108633	62.452	ng		98
92)	Benzo(g,h,i)perylene	26.918	276	2108229	62.776	ng		97

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

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